



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

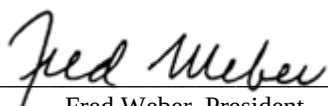
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 15342B EXP. DATE: 12/2017

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 65 Count at 45 minutes: 55 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
2732 Kuser Road
Hamilton, NJ 08691
(609) 584-7677


Fred Weber, President

Date: January 6, 2016



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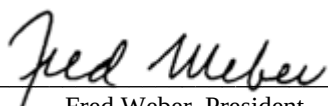
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 15344B EXP. DATE: 12/2017

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 62 Count at 45 minutes: 64 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

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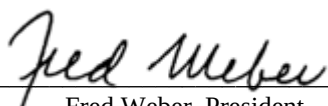
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 15345B EXP. DATE: 12/2017

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 62 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

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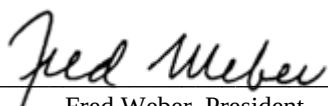
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 15349A EXP. DATE: 12/2017

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 64 Count at 45 minutes: 64 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

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Made By:
Weber Scientific
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Date: January 7, 2016



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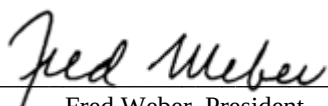
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 15349B EXP. DATE: 12/2017

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 68 Count at 45 minutes: 58 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

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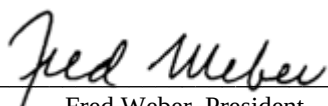
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 15350A EXP. DATE: 12/2017

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 64 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

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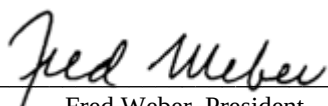
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 15350B EXP. DATE: 12/2017

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 72 Count at 45 minutes: 59 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

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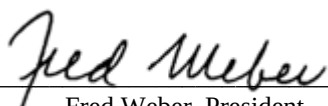
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 15352A EXP. DATE: 12/2017

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 55 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

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Made By:
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Date: January 14, 2016



CERTIFICATE OF ANALYSIS

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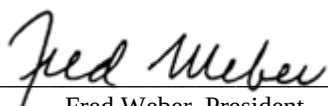
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 15352B EXP. DATE: 12/2017

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 55 Count at 45 minutes: 66 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

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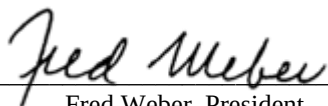
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 15356A EXP. DATE: 12/2017

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 61 Count at 45 minutes: 62 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

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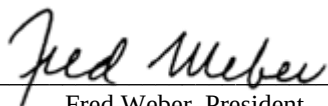
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 15356B EXP. DATE: 12/2017

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 66 Count at 45 minutes: 66 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

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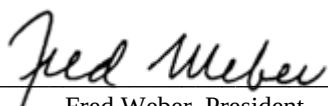
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 15357B EXP. DATE: 12/2017

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 62 Count at 45 minutes: 62 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

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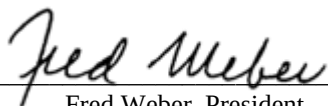
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 15358A EXP. DATE: 12/2017

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 63 Count at 45 minutes: 72 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

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Date: January 26, 2016



WEBER SCIENTIFIC

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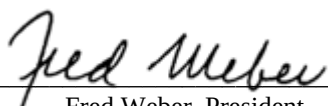
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 15362A EXP. DATE: 12/2017

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 59 Count at 45 minutes: 68 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

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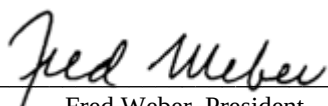
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 15362B EXP. DATE: 12/2017

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 70 Count at 45 minutes: 62 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

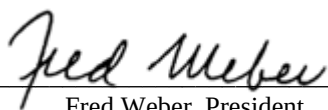
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 15363B EXP. DATE: 12/2017

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 69 Count at 45 minutes: 66 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
2732 Kuser Road
Hamilton, NJ 08691
(609) 584-7677


Fred Weber, President

Date: January 26, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

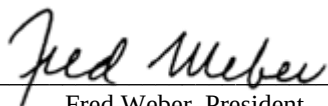
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16004A EXP. DATE: 01/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 50 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: February 2, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

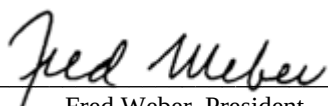
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16004B EXP. DATE: 01/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 68 Count at 45 minutes: 72 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: February 2, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

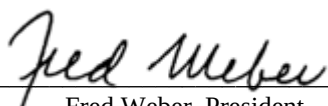
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16005A EXP. DATE: 01/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 61 Count at 45 minutes: 52 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: February 2, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

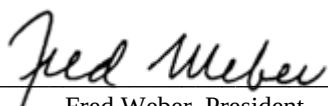
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16005B EXP. DATE: 01/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 56 Count at 45 minutes: 62 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Date: February 2, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

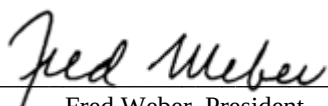
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16006A EXP. DATE: 01/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 64 Count at 45 minutes: 54 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: February 2, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

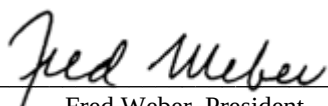
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16006B EXP. DATE: 01/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 55 Count at 45 minutes: 51 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: February 2, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

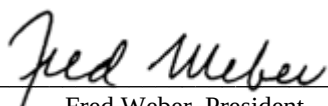
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16007A EXP. DATE: 01/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 48 Count at 45 minutes: 52 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Date: February 2, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

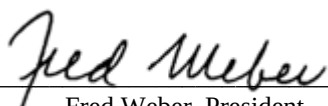
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16013A EXP. DATE: 01/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 62 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Date: February 8, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

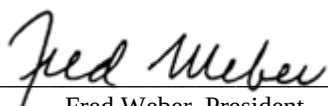
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16013B EXP. DATE: 01/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 57 Count at 45 minutes: 59 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Date: February 8, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

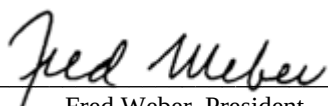
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16014A EXP. DATE: 01/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 54 Count at 45 minutes: 50 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: February 9, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

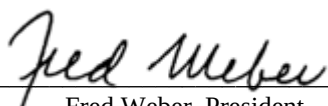
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16014B EXP. DATE: 01/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 61 Count at 45 minutes: 65 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: February 9, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

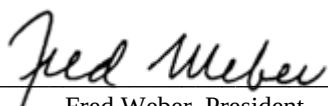
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16015B EXP. DATE: 01/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 57 Count at 45 minutes: 55 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Date: February 9, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

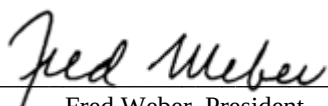
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16019A EXP. DATE: 01/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 66 Count at 45 minutes: 55 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: February 9, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

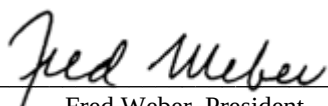
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16019B EXP. DATE: 01/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 54 Count at 45 minutes: 56 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: February 9, 2016



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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

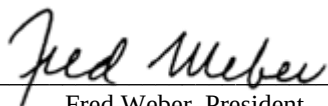
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16021A EXP. DATE: 01/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 52 Count at 45 minutes: 57 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
2732 Kuser Road
Hamilton, NJ 08691
(609) 584-7677


Fred Weber, President

Date: February 15, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

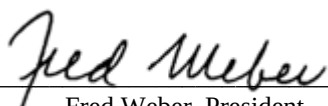
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16021B EXP. DATE: 01/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 66 Count at 45 minutes: 63 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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(609) 584-7677


Fred Weber, President

Date: February 15, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

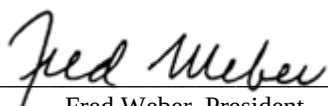
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16025A EXP. DATE: 01/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 57 Count at 45 minutes: 58 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: February 15, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

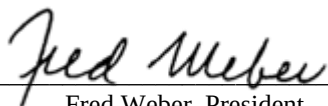
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16025B EXP. DATE: 01/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 49 Count at 45 minutes: 56 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
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Date: February 15, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

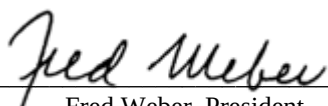
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16027B EXP. DATE: 01/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 50 Count at 45 minutes: 58 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Date: February 22, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

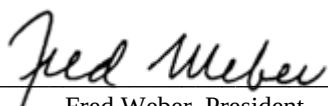
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16028A EXP. DATE: 01/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 64 Count at 45 minutes: 58 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: February 22, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

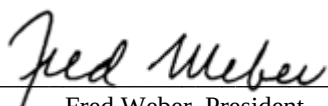
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16028B EXP. DATE: 01/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 62 Count at 45 minutes: 73 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: February 22, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

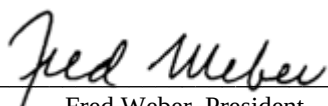
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16032B EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 64 Count at 45 minutes: 58 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: February 25, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

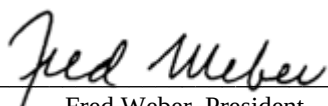
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16033B EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 60 Count at 45 minutes: 54 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: February 25, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

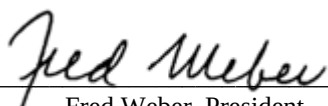
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16034A EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 48 Count at 45 minutes: 50 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: February 25, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

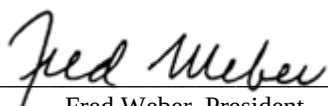
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16034B EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 48 Count at 45 minutes: 52 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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(609) 584-7677


Fred Weber, President

Date: February 25, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

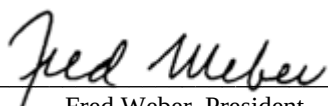
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16035A EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 56 Count at 45 minutes: 51 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: February 25, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

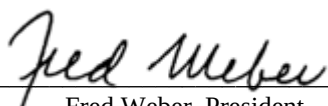
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16035B EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 50 Count at 45 minutes: 52 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
2732 Kuser Road
Hamilton, NJ 08691
(609) 584-7677


Fred Weber, President

Date: February 25, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

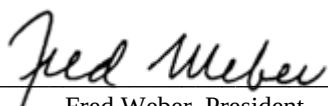
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16036B EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 63 Count at 45 minutes: 69 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
2732 Kuser Road
Hamilton, NJ 08691
(609) 584-7677


Fred Weber, President

Date: March 3, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

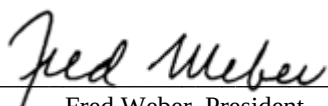
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16039B EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 64 Count at 45 minutes: 64 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
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Fred Weber, President

Date: March 3, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

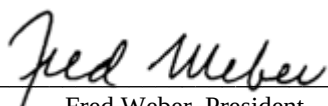
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16040B EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 68 Count at 45 minutes: 64 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
2732 Kuser Road
Hamilton, NJ 08691
(609) 584-7677


Fred Weber, President

Date: March 3, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

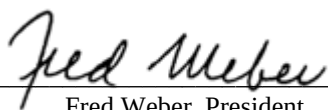
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16041A EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 60 Count at 45 minutes: 58 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: March 3, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

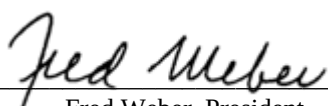
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16041B EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 68 Count at 45 minutes: 68 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: March 3, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

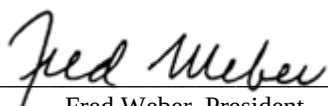
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16042A EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 68 Count at 45 minutes: 64 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: March 10, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

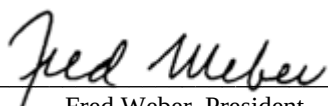
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16042B EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 72 Count at 45 minutes: 58 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Date: March 10, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

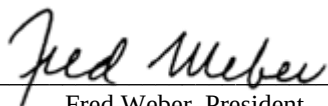
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16046A EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 74 Count at 45 minutes: 69 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: March 10, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

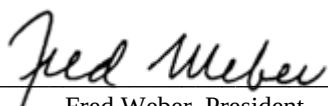
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16046B EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 66 Count at 45 minutes: 76 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: March 10, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

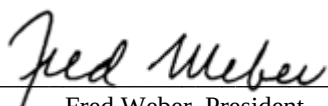
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16047A EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 62 Count at 45 minutes: 76 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: March 10, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

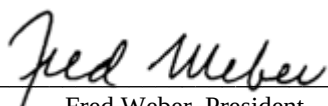
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16047B EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 59 Count at 45 minutes: 74 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: March 10, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

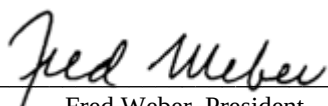
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16048A EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 66 Count at 45 minutes: 64 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: March 16, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

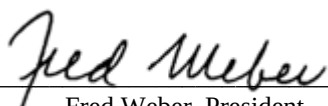
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16048B EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 64 Count at 45 minutes: 68 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: March 16, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

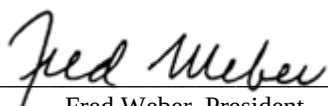
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16053B EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 65 Count at 45 minutes: 58 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
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Hamilton, NJ 08691
(609) 584-7677


Fred Weber, President

Date: March 21, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

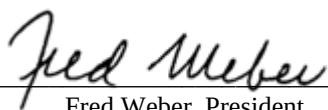
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16054B EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 65 Count at 45 minutes: 70 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: March 23, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

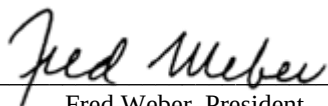
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16055A EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 67 Count at 45 minutes: 73 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
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Hamilton, NJ 08691
(609) 584-7677


Fred Weber, President

Date: March 23, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

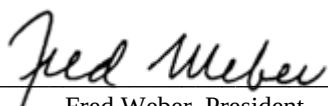
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16055B EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 70 Count at 45 minutes: 64 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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(609) 584-7677


Fred Weber, President

Date: March 23, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

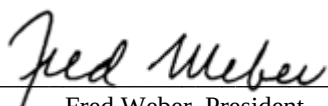
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16056A EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 56 Count at 45 minutes: 72 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
2732 Kuser Road
Hamilton, NJ 08691
(609) 584-7677


Fred Weber, President

Date: March 23, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

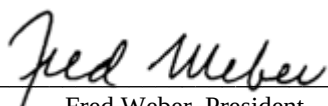
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16056B EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 62 Count at 45 minutes: 62 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: March 23, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

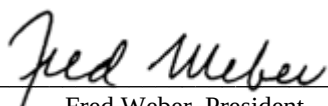
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16060B EXP. DATE: 02/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 71 Count at 45 minutes: 58 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: April 4, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

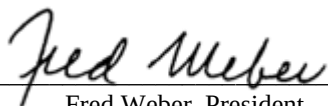
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16061B EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 70 Count at 45 minutes: 64 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Date: April 4, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

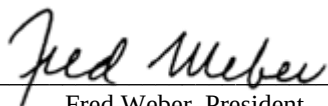
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16062A EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 66 Count at 45 minutes: 66 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

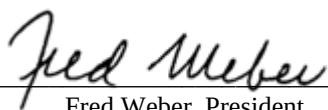
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16062B EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 66 Count at 45 minutes: 74 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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Date: April 4, 2016



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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

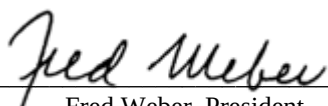
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16063A EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 68 Count at 45 minutes: 60 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Date: April 4, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

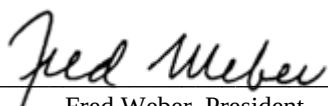
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16063B EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 66 Count at 45 minutes: 62 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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Date: April 4, 2016



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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

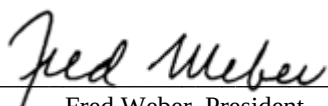
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16067B EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 52 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: April 5, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

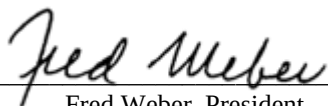
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16067W EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 56 Count at 45 minutes: 66 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: April 5, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

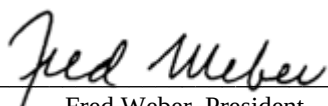
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16068B EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 64 Count at 45 minutes: 58 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: April 5, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

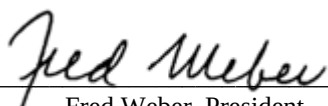
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16069A EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 52 Count at 45 minutes: 54 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: April 5, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

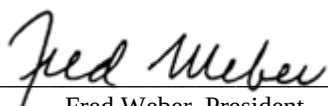
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16069B EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 71 Count at 45 minutes: 59 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: April 5, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

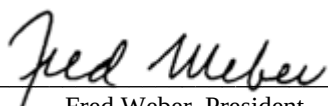
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16070A EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 62 Count at 45 minutes: 58 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: April 12, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

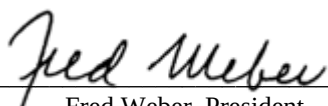
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16070B EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 52 Count at 45 minutes: 53 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: April 12, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

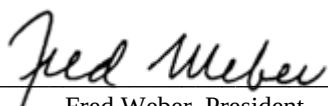
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16074B EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 54 Count at 45 minutes: 54 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
2732 Kuser Road
Hamilton, NJ 08691
(609) 584-7677


Fred Weber, President

Date: April 12, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

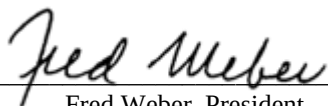
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16075A EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 52 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: April 12, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

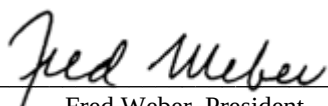
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16075B EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 56 Count at 45 minutes: 60 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: April 12, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

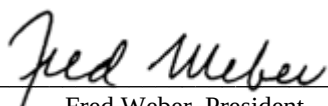
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16076A EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 55 Count at 45 minutes: 57 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: April 14, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

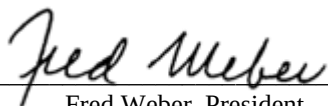
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16076B EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 60 Count at 45 minutes: 55 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

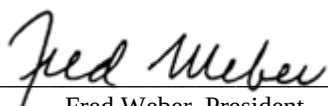
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16077A EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 61 Count at 45 minutes: 52 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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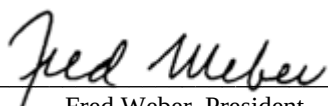
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16077B EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 64 Count at 45 minutes: 52 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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Date: April 14, 2016



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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

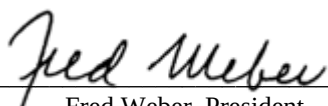
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16078A EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 66 Count at 45 minutes: 58 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: April 14, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

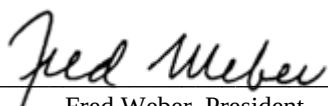
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16081B EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 56 Count at 45 minutes: 64 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: April 14, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

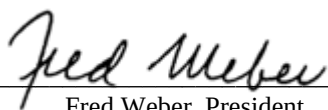
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16083B EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 56 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Date: April 19, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

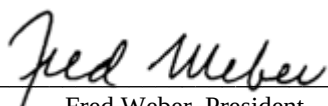
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16084A EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 74 Count at 45 minutes: 62 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: April 19, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

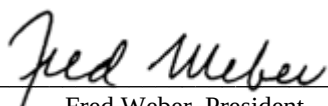
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16084B EXP. DATE: 03/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 64 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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Date: April 19, 2016



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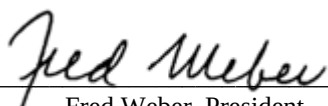
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16099A EXP. DATE: 04/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 56 Count at 45 minutes: 54 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: May 9, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

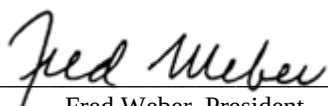
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16099B EXP. DATE: 04/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 60 Count at 45 minutes: 62 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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Fred Weber, President

Date: May 9, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

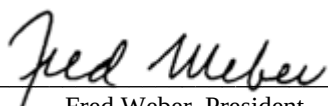
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16104A EXP. DATE: 04/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 66 Count at 45 minutes: 55 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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(609) 584-7677


Fred Weber, President

Date: May 9, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

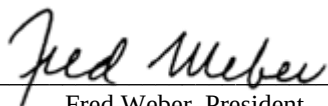
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16104B EXP. DATE: 04/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 62 Count at 45 minutes: 52 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
2732 Kuser Road
Hamilton, NJ 08691
(609) 584-7677


Fred Weber, President

Date: May 9, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

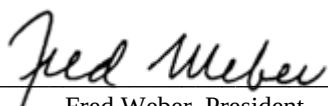
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16105B EXP. DATE: 04/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 64 Count at 45 minutes: 54 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: May 17, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

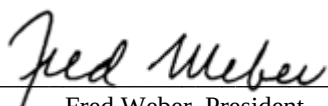
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16106B EXP. DATE: 04/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 66 Count at 45 minutes: 59 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: May 17, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

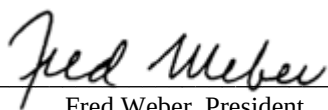
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16110B EXP. DATE: 04/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 62 Count at 45 minutes: 68 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: May 17, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

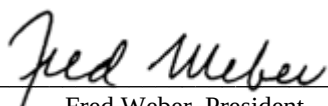
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16111A EXP. DATE: 04/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 54 Count at 45 minutes: 50 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Date: May 20, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

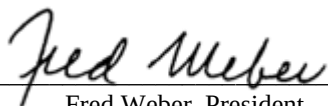
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16111B EXP. DATE: 04/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 53 Count at 45 minutes: 54 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Date: May 20, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

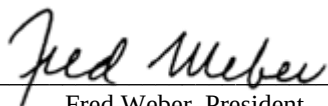
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16112A EXP. DATE: 04/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 56 Count at 45 minutes: 54 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: May 20, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

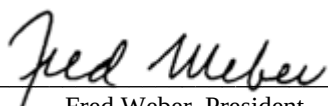
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16116B EXP. DATE: 04/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 52 Count at 45 minutes: 56 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Date: May 20, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

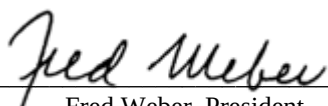
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16117B EXP. DATE: 04/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 54 Count at 45 minutes: 52 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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Made By:
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Fred Weber, President

Date: May 25, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

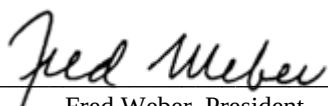
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16118A EXP. DATE: 04/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 48 Count at 45 minutes: 63 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Date: May 25, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

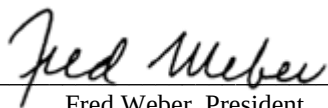
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16118B EXP. DATE: 04/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 54 Count at 45 minutes: 48 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: May 25, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

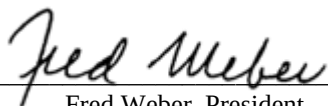
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16119A EXP. DATE: 04/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 49 Count at 45 minutes: 43 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: May 25, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

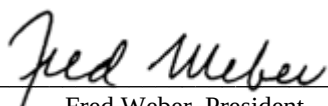
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16119B EXP. DATE: 04/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 48 Count at 45 minutes: 45 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: May 25, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

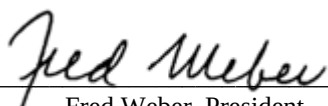
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16123B EXP. DATE: 05/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 66 Count at 45 minutes: 57 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: June 9, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

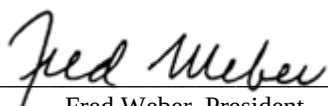
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16126A EXP. DATE: 05/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 74 Count at 45 minutes: 68 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: June 9, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

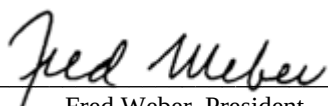
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TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 68 Count at 45 minutes: 55 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
2732 Kuser Road
Hamilton, NJ 08691
(609) 584-7677


Fred Weber, President

Date: June 9, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

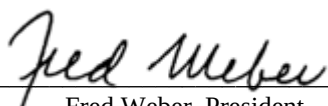
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16130B EXP. DATE: 05/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 56 Count at 45 minutes: 57 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
2732 Kuser Road
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Fred Weber, President

Date: June 13, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

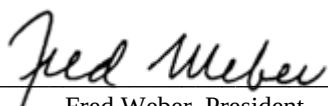
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16131B EXP. DATE: 05/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 49 Count at 45 minutes: 46 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Date: June 13, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

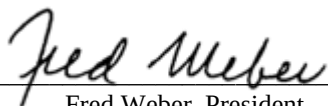
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16132A EXP. DATE: 05/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 52 Count at 45 minutes: 51 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: June 13, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

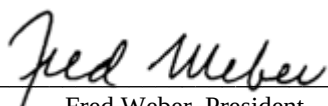
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16132B EXP. DATE: 05/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 49 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Date: June 13, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

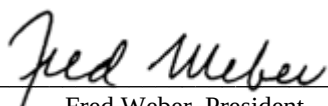
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16133A EXP. DATE: 05/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 83 Count at 45 minutes: 75 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Date: June 20, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

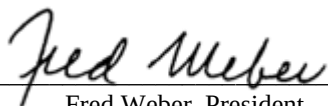
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16133B EXP. DATE: 05/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 70 Count at 45 minutes: 68 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Date: June 20, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

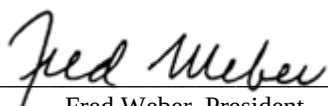
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16137B EXP. DATE: 05/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 52 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Date: June 20, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

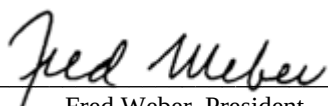
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16138A EXP. DATE: 05/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 62 Count at 45 minutes: 68 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Date: June 20, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

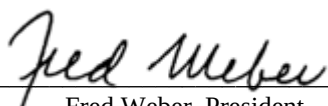
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16139A EXP. DATE: 05/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 69 Count at 45 minutes: 60 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Date: June 20, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

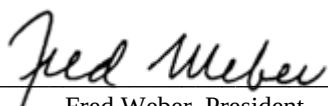
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16139B EXP. DATE: 05/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 71 Count at 45 minutes: 68 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Date: June 20, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

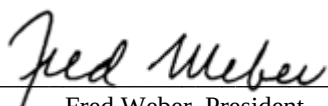
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16140A EXP. DATE: 05/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 61 Count at 45 minutes: 63 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: June 20, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

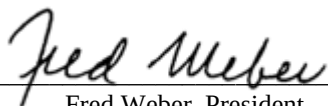
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16140B EXP. DATE: 05/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 75 Count at 45 minutes: 71 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: June 20, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

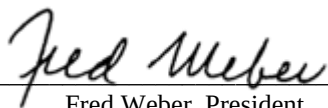
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16144B EXP. DATE: 05/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 63 Count at 45 minutes: 54 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Date: June 20, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

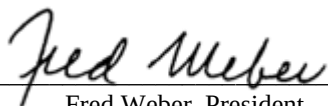
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16145B EXP. DATE: 05/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 93 Count at 45 minutes: 78 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: June 21, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

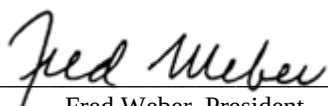
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16146A EXP. DATE: 05/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 85 Count at 45 minutes: 92 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
2732 Kuser Road
Hamilton, NJ 08691
(609) 584-7677


Fred Weber, President

Date: June 21, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

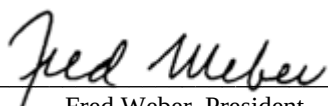
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16146B EXP. DATE: 05/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 93 Count at 45 minutes: 89 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: June 21, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

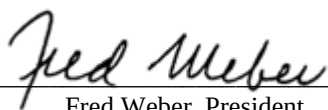
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16147A EXP. DATE: 05/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 85 Count at 45 minutes: 89 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: June 21, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

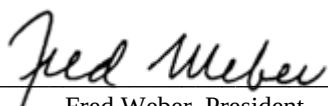
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16147B EXP. DATE: 05/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 89 Count at 45 minutes: 77 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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Fred Weber, President

Date: June 21, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

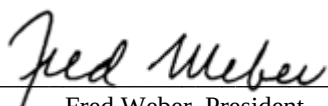
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16152B EXP. DATE: 05/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 55 Count at 45 minutes: 68 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Date: June 30, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

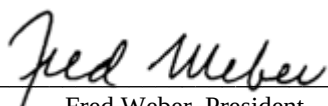
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16153B EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 53 Count at 45 minutes: 57 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Date: June 30, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

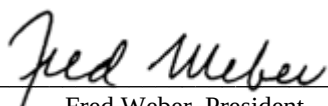
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16154A EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 56 Count at 45 minutes: 57 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Date: June 30, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

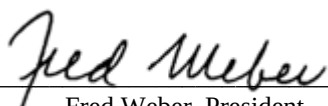
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16154B EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 55 Count at 45 minutes: 49 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: June 30, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

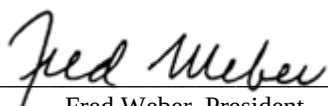
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16155B EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 55 Count at 45 minutes: 52 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: June 30, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

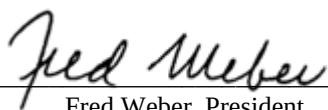
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16159B EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 50 Count at 45 minutes: 48 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: July 12, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

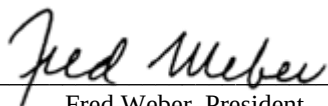
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16161A EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 46 Count at 45 minutes: 50 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: July 12, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

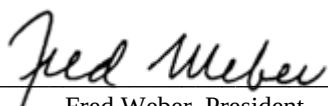
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16161B EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 48 Count at 45 minutes: 46 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: July 12, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

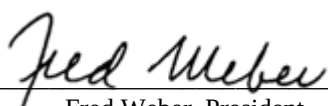
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16165B EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 71 Count at 45 minutes: 75 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: July 13, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

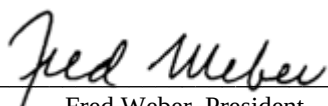
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16166B EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 61 Count at 45 minutes: 70 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: July 13, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

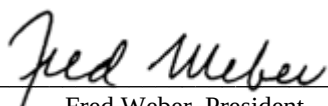
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16167A EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 68 Count at 45 minutes: 74 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: July 13, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

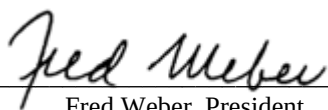
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16167B EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 64 Count at 45 minutes: 66 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
2732 Kuser Road
Hamilton, NJ 08691
(609) 584-7677


Fred Weber, President

Date: July 13, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

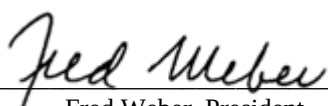
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16168A EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 54 Count at 45 minutes: 57 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
2732 Kuser Road
Hamilton, NJ 08691
(609) 584-7677


Fred Weber, President

Date: July 20, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

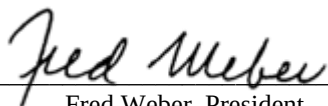
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16168B EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 56 Count at 45 minutes: 59 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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2732 Kuser Road
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(609) 584-7677


Fred Weber, President

Date: July 20, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

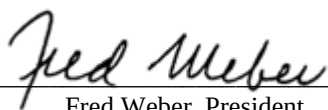
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16169B EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 54 Count at 45 minutes: 61 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: July 20, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

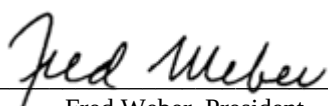
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16172B EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 51 Count at 45 minutes: 50 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
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Fred Weber, President

Date: July 20, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

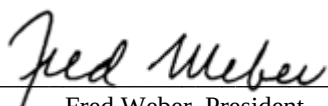
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16174A EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 68 Count at 45 minutes: 58 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: July 25, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

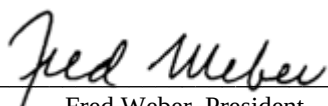
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16174B EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 65 Count at 45 minutes: 59 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: July 25, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

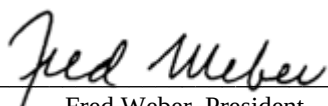
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16175A EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 61 Count at 45 minutes: 60 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Fred Weber, President

Date: July 25, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

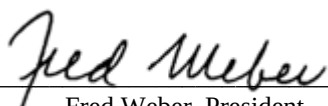
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16175B EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 68 Count at 45 minutes: 71 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: July 25, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

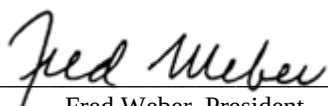
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16180B EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 55 Count at 45 minutes: 48 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: August 10, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

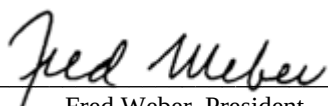
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16181A EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 41 Count at 45 minutes: 46 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: August 10, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

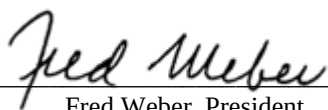
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16181B EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 49 Count at 45 minutes: 45 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: August 10, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

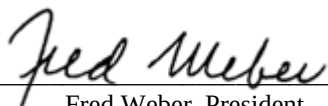
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16182A EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 46 Count at 45 minutes: 48 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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(609) 584-7677


Fred Weber, President

Date: August 10, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

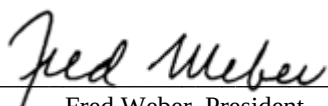
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16182B EXP. DATE: 06/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 44 Count at 45 minutes: 40 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Fred Weber, President

Date: August 10, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

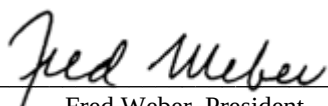
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16183B EXP. DATE: 07/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 47 Count at 45 minutes: 49 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
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(609) 584-7677


Fred Weber, President

Date: August 10, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

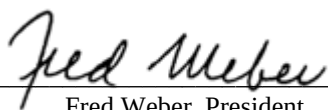
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16187B EXP. DATE: 07/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 49 Count at 45 minutes: 57 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
2732 Kuser Road
Hamilton, NJ 08691
(609) 584-7677


Fred Weber, President

Date: August 16, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

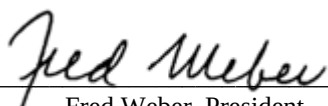
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16188B EXP. DATE: 07/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 51 Count at 45 minutes: 57 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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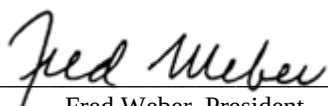
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16189A EXP. DATE: 07/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 50 Count at 45 minutes: 53 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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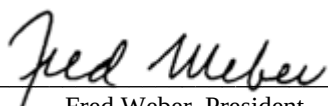
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16189B EXP. DATE: 07/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 48 Count at 45 minutes: 53 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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Date: August 16, 2016



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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

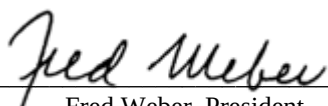
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16193A EXP. DATE: 07/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 50 Count at 45 minutes: 54 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Date: August 16, 2016



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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

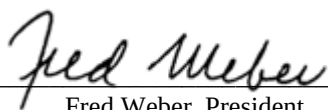
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16193B EXP. DATE: 07/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 57 Count at 45 minutes: 51 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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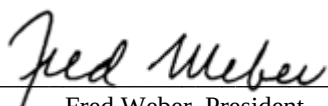
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16194B EXP. DATE: 07/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 49 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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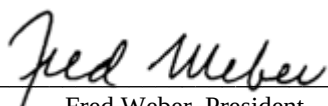
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16195A EXP. DATE: 07/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 52 Count at 45 minutes: 51 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

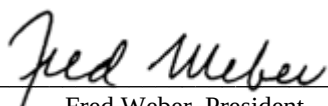
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16195B EXP. DATE: 07/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 56 Count at 45 minutes: 49 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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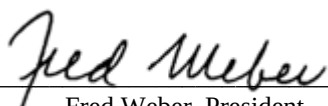
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16196A EXP. DATE: 07/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 55 Count at 45 minutes: 52 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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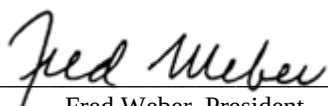
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16200B EXP. DATE: 07/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.0	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 59 Count at 45 minutes: 54 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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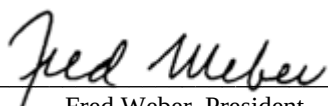
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16201A EXP. DATE: 07/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 49 Count at 45 minutes: 58 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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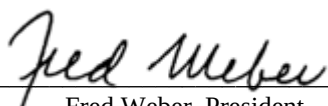
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16201B EXP. DATE: 07/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.0	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 63 Count at 45 minutes: 58 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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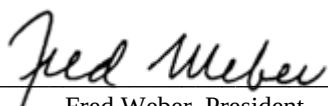
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16202A EXP. DATE: 07/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 55 Count at 45 minutes: 55 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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Date: August 16, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

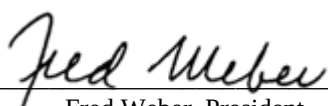
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16202B EXP. DATE: 07/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 50 Count at 45 minutes: 64 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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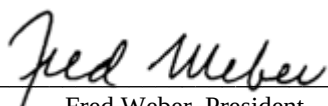
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16203A EXP. DATE: 07/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 52 Count at 45 minutes: 63 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
2732 Kuser Road
Hamilton, NJ 08691
(609) 584-7677


Fred Weber, President

Date: August 16, 2016

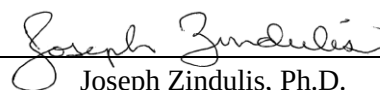
**CERTIFICATE OF ANALYSIS**PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield BufferCATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16242B EXP. DATE: 08/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 73 Count at 45 minutes: 61 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Joseph Zindulis, Ph.D.
Production Manager

October 10, 2016



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16242E EXP. DATE: 08/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 59 Count at 45 minutes: 68 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Production Manager

October 10, 2016

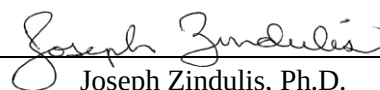
**CERTIFICATE OF ANALYSIS**PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield BufferCATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16243B EXP. DATE: 08/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 64 Count at 45 minutes: 59 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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October 10, 2016



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16243E EXP. DATE: 08/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 62 Count at 45 minutes: 65 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Joseph Zindulis, Ph.D.
Production Manager

October 10, 2016



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16244B EXP. DATE: 08/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 61 Count at 45 minutes: 70 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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October 10, 2016

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

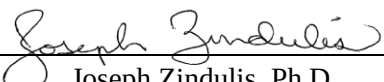
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16244E EXP. DATE: 08/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 69 Count at 45 minutes: 60 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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October 10, 2016

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

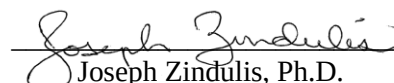
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16245A EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 65 Count at 45 minutes: 57 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

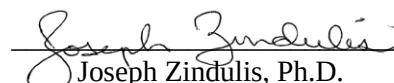
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16245B EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 64 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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October 19, 2016

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

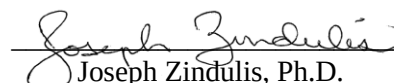
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16245E EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 63 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16246E EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 59 Count at 45 minutes: 70 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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October 19, 2016

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16250B EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 51 Count at 45 minutes: 60 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Production Manager
October 19, 2016

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16250E EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 53 Count at 45 minutes: 60 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Joseph Zindulis, Ph.D.
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October 19, 2016

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16251B EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 49 Count at 45 minutes: 46 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Joseph Zindulis, Ph.D.
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October 19, 2016

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16251E EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 50 Count at 45 minutes: 51 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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Joseph Zindulis, Ph.D.
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October 19, 2016

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16252A EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 59 Count at 45 minutes: 60 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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October 19, 2016

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16252B EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 50 Count at 45 minutes: 53 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16252E EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 46 Count at 45 minutes: 52 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
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Joseph Zindulis, Ph.D.
Production Manager
October 19, 2016

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16253E EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 53 Count at 45 minutes: 58 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16256B EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 48 Count at 45 minutes: 48 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16256E EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 66 Count at 45 minutes: 67 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16257B EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 43 Count at 45 minutes: 51 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16257E EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 48 Count at 45 minutes: 48 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

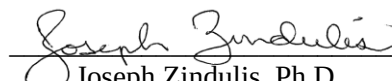
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16258A EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 63 Count at 45 minutes: 60 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

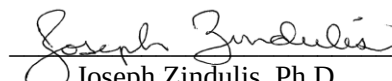
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16258B EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 64 Count at 45 minutes: 64 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

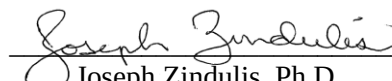
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16258E EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 64 Count at 45 minutes: 62 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

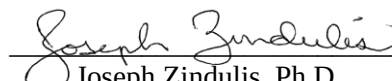
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16259A EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 51 Count at 45 minutes: 57 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

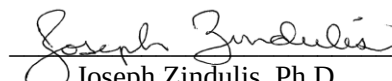
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16259B EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 61 Count at 45 minutes: 59 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

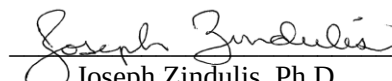
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16259E EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 63 Count at 45 minutes: 59 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16260B EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 73 Count at 45 minutes: 71 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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October 21, 2016

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

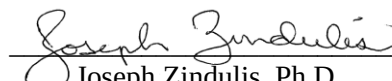
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16260E EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 75 Count at 45 minutes: 70 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16263B EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 74 Count at 45 minutes: 60 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

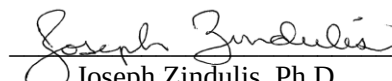
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16263E EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 79 Count at 45 minutes: 70 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

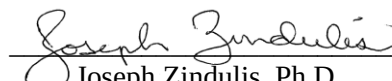
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16264A EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 64 Count at 45 minutes: 65 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Weber Scientific
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(609) 584-7677


Joseph Zindulis, Ph.D.
Production Manager

October 21, 2016

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16264B EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 74 Count at 45 minutes: 63 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16264E EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 61 Count at 45 minutes: 77 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

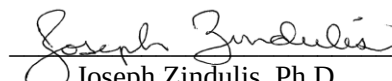
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16265A EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 63 Count at 45 minutes: 73 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

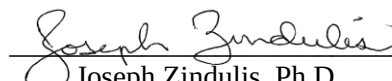
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16265B EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 62 Count at 45 minutes: 71 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16265E EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 69 Count at 45 minutes: 61 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16266A EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 81 Count at 45 minutes: 74 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

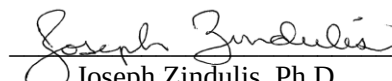
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16266B EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 76 Count at 45 minutes: 64 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16266E EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 69 Count at 45 minutes: 70 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16267E EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 55 Count at 45 minutes: 48 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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October 27, 2016

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

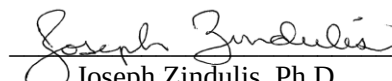
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16270B EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 53 Count at 45 minutes: 56 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

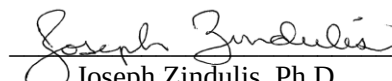
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16270E EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 50 Count at 45 minutes: 63 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16271B EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 62 Count at 45 minutes: 60 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

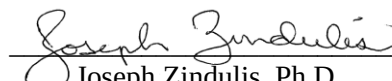
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16271E EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 49 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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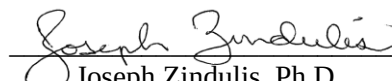
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16272A EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 81 Count at 45 minutes: 78 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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November 9, 2016

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16272B EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 82 Count at 45 minutes: 84 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16272E EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 83 Count at 45 minutes: 73 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
2732 Kuser Road
Hamilton, NJ 08691
(609) 584-7677


Joseph Zindulis, Ph.D.
Production Manager

November 9, 2016

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

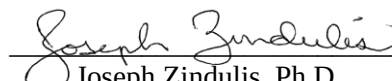
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16273A EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 71 Count at 45 minutes: 79 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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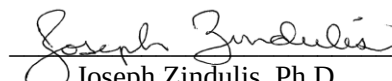
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16273B EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 79 Count at 45 minutes: 90 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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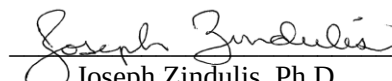
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16273E EXP. DATE: 09/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 86 Count at 45 minutes: 80 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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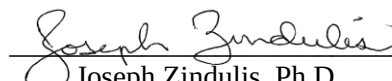
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16274B EXP. DATE: 9/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 62 Count at 45 minutes: 64 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16274E EXP. DATE: 9/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 65 Count at 45 minutes: 63 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

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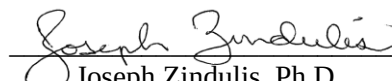
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16277A EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 62 Count at 45 minutes: 73 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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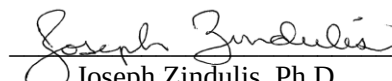
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16277B EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 60 Count at 45 minutes: 67 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

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CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16277E EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 55 Count at 45 minutes: 71 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

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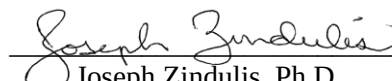
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16278A EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 67 Count at 45 minutes: 65 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16278B EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 66 Count at 45 minutes: 55 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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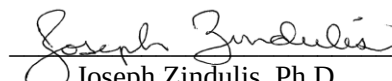
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16278E EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 55 Count at 45 minutes: 62 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

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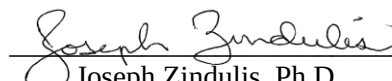
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16279A EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 57 Count at 45 minutes: 55 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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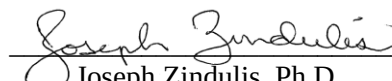
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16279B EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 56 Count at 45 minutes: 56 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

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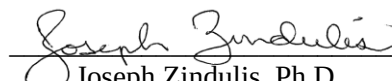
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16279E EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 60 Count at 45 minutes: 57 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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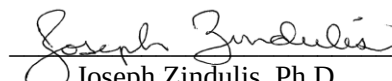
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16280A EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 63 Count at 45 minutes: 54 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
2732 Kuser Road
Hamilton, NJ 08691
(609) 584-7677


Joseph Zindulis, Ph.D.
Production Manager

November 15, 2016

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

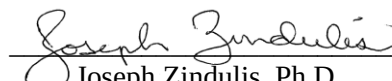
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16280B EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 65 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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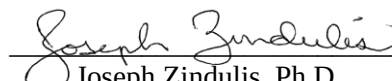
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16280E EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 59 Count at 45 minutes: 56 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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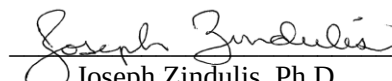
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16281E EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 66 Count at 45 minutes: 59 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

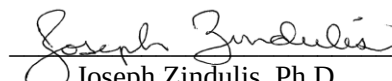
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16284E EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 61 Count at 45 minutes: 57 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16285B EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 53 Count at 45 minutes: 72 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

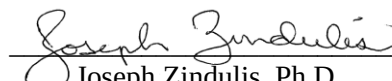
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16285E EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 52 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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November 15, 2016

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16286A EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 67 Count at 45 minutes: 64 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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November 16, 2016

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16286B EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 56 Count at 45 minutes: 62 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

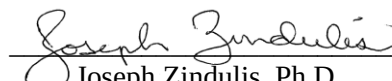
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16286E EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 83 Count at 45 minutes: 69 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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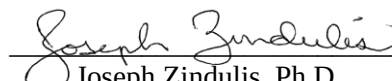
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16287A EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 72 Count at 45 minutes: 75 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16287B EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 62 Count at 45 minutes: 59 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16287E EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 62 Count at 45 minutes: 70 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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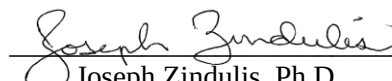
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16291B EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 65 Count at 45 minutes: 61 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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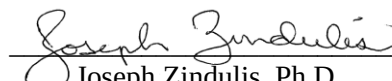
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16291E EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 57 Count at 45 minutes: 67 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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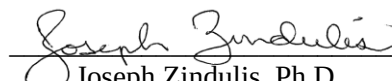
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16292B EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 59 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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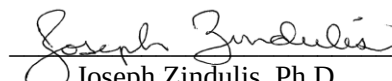
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16292E EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 65 Count at 45 minutes: 56 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager

November 17, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

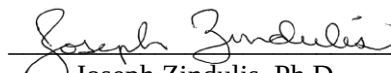
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16293A EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 82 Count at 45 minutes: 88 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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November 30, 2016

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16293B EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 88 Count at 45 minutes: 85 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16293E EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 89 Count at 45 minutes: 86 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16294A EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 83 Count at 45 minutes: 79 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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November 30, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16294B EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 92 Count at 45 minutes: 81 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16294E EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 81 Count at 45 minutes: 76 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16295B EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 81 Count at 45 minutes: 86 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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December 2, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

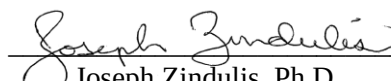
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16298B EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 92 Count at 45 minutes: 76 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

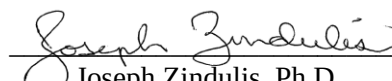
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16298E EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 88 Count at 45 minutes: 77 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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December 2, 2016

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

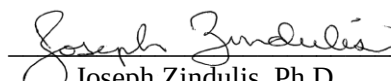
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16299B EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 80 Count at 45 minutes: 74 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

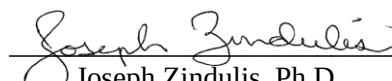
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16299E EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 82 Count at 45 minutes: 88 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

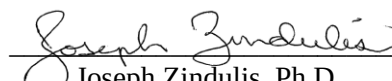
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16300A EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 78 Count at 45 minutes: 64 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

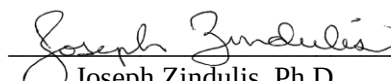
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16300B EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 61 Count at 45 minutes: 64 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

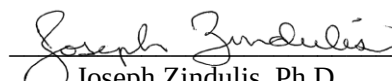
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16300E EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 66 Count at 45 minutes: 70 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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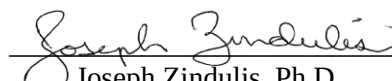
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16301A EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 76 Count at 45 minutes: 62 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

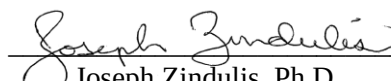
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16301B EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 62 Count at 45 minutes: 66 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
Weber Scientific
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Hamilton, NJ 08691
(609) 584-7677


Joseph Zindulis, Ph.D.
Production Manager
December 12, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

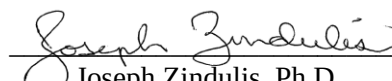
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16301E EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 64 Count at 45 minutes: 64 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

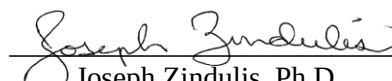
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16302B EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 65 Count at 45 minutes: 55 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

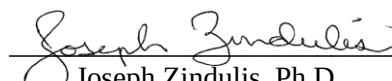
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16302E EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 47 Count at 45 minutes: 47 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

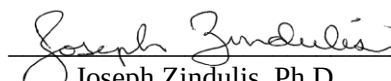
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16305A EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 45 Count at 45 minutes: 51 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

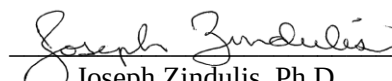
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16305B EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 49 Count at 45 minutes: 48 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

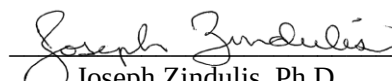
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16305E EXP. DATE: 10/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 53 Count at 45 minutes: 56 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

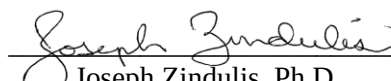
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16306A EXP. DATE: 11/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 57 Count at 45 minutes: 49 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

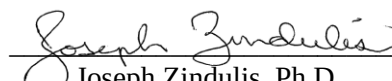
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16306B EXP. DATE: 11/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 51 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

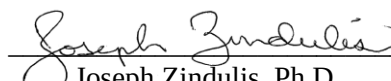
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16306E EXP. DATE: 11/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 49 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

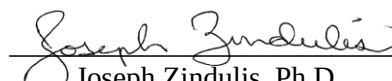
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16307B EXP. DATE: 11/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.1	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 50 Count at 45 minutes: 51 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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December 15, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

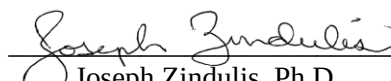
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16307E EXP. DATE: 11/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 44 Count at 45 minutes: 50 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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December 15, 2016



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

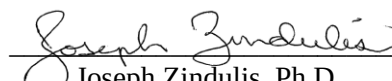
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16308E EXP. DATE: 11/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 65 Count at 45 minutes: 57 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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December 15, 2016

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

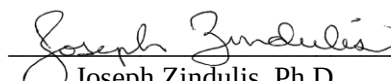
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16309E EXP. DATE: 11/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 54 Count at 45 minutes: 66 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

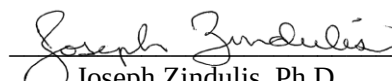
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16312A EXP. DATE: 11/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 52 Count at 45 minutes: 55 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

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Production Manager
December 20, 2016

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

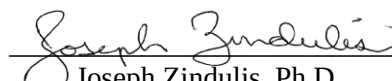
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16312B EXP. DATE: 11/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 45 Count at 45 minutes: 63 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

**Association for the Advancement of Medical Instrumentation validation method ANSI/AAMI/ISO 11137-1994; microbiological testing method AAMI TIR 8-1991.

Made By:
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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

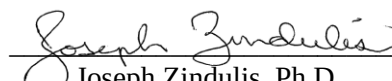
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16312E EXP. DATE: 11/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 55 Count at 45 minutes: 53 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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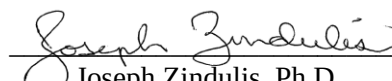
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16313A EXP. DATE: 11/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 61 Count at 45 minutes: 59 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

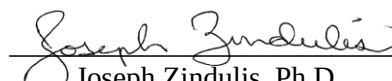
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16313B EXP. DATE: 11/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 60 Count at 45 minutes: 57 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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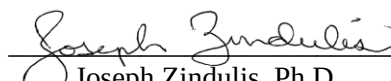
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16313E EXP. DATE: 11/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 47 Count at 45 minutes: 47 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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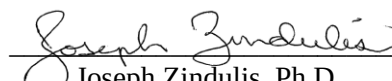
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16314A EXP. DATE: 11/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 61 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

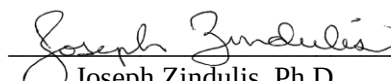
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16314B EXP. DATE: 11/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 52 Count at 45 minutes: 61 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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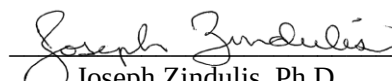
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16314E EXP. DATE: 11/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 63 Count at 45 minutes: 74 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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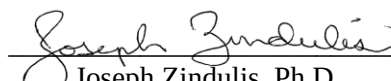
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16315B EXP. DATE: 11/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 59 Count at 45 minutes: 56 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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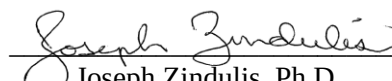
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16315E EXP. DATE: 11/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 63 Count at 45 minutes: 63 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

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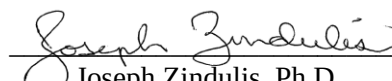
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16316E EXP. DATE: 11/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.4	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 61 Count at 45 minutes: 54 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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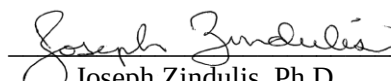
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16319E EXP. DATE: 11/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.3	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 63 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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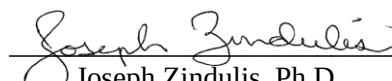
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16320B EXP. DATE: 11/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 63 Count at 45 minutes: 55 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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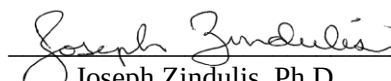
CATALOG No. 3127-14 VOLUME (ml) 99 LOT No. 16320E EXP. DATE: 11/2018

TEST	RESULTS	SPECIFICATION	METHOD
pH @ 25° C	7.2	7.2 +/- 0.2	WS cSOP 8.4
TOXICITY*	Count at 0 minutes: 61 Count at 45 minutes: 53 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	AAMI** VALIDATED Gamma Irradiated (Certificate)
FILL VOLUME	CONFORMS	LABEL +/- 2 ml	WS cSOP 9.4; 13.4
COLOR	CONFORMS	CLEAR NO FOREIGN MATTER	VISUAL WS cSOP 33.2
PACKAGE INTEGRITY SHIPPER	CONFORMS	NO VISIBLE DAMAGE TO CARTON	VISUAL WS cSOP 15.3
PACKAGE INTEGRITY BOTTLE	CONFORMS	NO LEAKING	WS cSOP 14.4
PACKAGE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5
BOTTLE MARKINGS	CONFORMS	CONFORMS TO STANDARD	WS cSOP 5.5; 6.4; 38.2

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