



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 100049A EXP. DATE: 02/2022

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 72 Count at 45 minutes: 82 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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


Joseph Zindulis, Ph.D.
Production Manager
April 14, 2020



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 100050A EXP. DATE: 02/2022

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 85 Count at 45 minutes: 80 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
Weber Scientific
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Joseph Zindulis, Ph.D.
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April 14, 2020



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 100051A EXP. DATE: 02/2022

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 79 Count at 45 minutes: 76 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
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April 14, 2020



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 100055A EXP. DATE: 02/2022

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 70 Count at 45 minutes: 65 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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April 14, 2020



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 100056A EXP. DATE: 02/2022

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 75 Count at 45 minutes: 83 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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

April 14, 2020



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 100057A EXP. DATE: 02/2022

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 76 Count at 45 minutes: 84 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
April 14, 2020



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 100058A EXP. DATE: 02/2022

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 83 Count at 45 minutes: 81 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
April 14, 2020



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 100168A EXP. DATE: 06/2022

TEST	RESULTS	SPECIFICATION	METHOD
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	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
July 29, 2020



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 100169A EXP. DATE: 06/2022

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 61 Count at 45 minutes: 69 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
July 29, 2020



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 100170A EXP. DATE: 06/2022

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 51 Count at 45 minutes: 48 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
July 29, 2020



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 100171A EXP. DATE: 06/2022

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 100 Count at 45 minutes: 96 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
July 29, 2020



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 100259A EXP. DATE: 09/2022

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 73 Count at 45 minutes: 75 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
November 5, 2020



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 100260A EXP. DATE: 09/2022

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 74 Count at 45 minutes: 73 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
November 5, 2020



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CERTIFICATE OF ANALYSIS

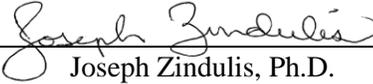
PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 100261A EXP. DATE: 09/2022

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 66 Count at 45 minutes: 79 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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October 29, 2020



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

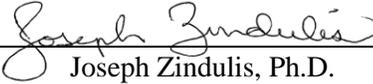
PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 100262A EXP. DATE: 09/2022

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 66 Count at 45 minutes: 68 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
November 5, 2020



CERTIFICATE OF ANALYSIS

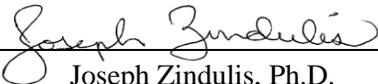
PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (ml) 9 LOT No. 108267A EXP. DATE: 9/2020

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 94 Count at 45 minutes: 95 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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

November 27, 2018



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer
CATALOG No. 3127-09 VOLUME (ml) 9 LOT No. 108268A EXP. DATE: 9/2020

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 68 Count at 45 minutes: 79 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
November 27, 2018



CERTIFICATE OF ANALYSIS

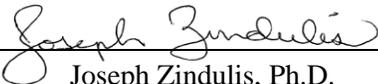
PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (ml) 9 LOT No. 108269A EXP. DATE: 9/2020

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 79 Count at 45 minutes: 71 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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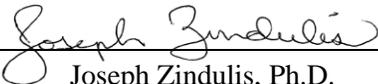
PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (ml) 9 LOT No. 108270A EXP. DATE: 9/2020

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 77 Count at 45 minutes: 71 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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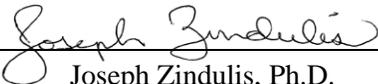
PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (ml) 9 LOT No. 108271A EXP. DATE: 9/2020

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 88 Count at 45 minutes: 76 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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November 27, 2018



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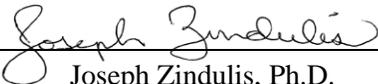
PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (ml) 9 LOT No. 108274A EXP. DATE: 10/2020

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 79 Count at 45 minutes: 71 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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

December 4, 2018



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (ml) 9 LOT No. 108275A EXP. DATE: 10/2020

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 90 Count at 45 minutes: 83 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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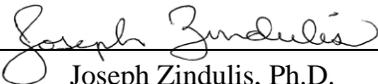
PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (ml) 9 LOT No. 108276A EXP. DATE: 10/2020

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 75 Count at 45 minutes: 72 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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December 4, 2018



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (ml) 9 LOT No. 108277A EXP. DATE: 10/2020

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 88 Count at 45 minutes: 84 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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December 4, 2018



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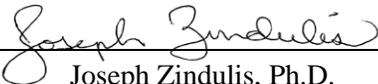
PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (ml) 9 LOT No. 108281A EXP. DATE: 10/2020

TEST	RESULTS	SPECIFICATION	METHOD
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	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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

December 4, 2018



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (ml) 9 LOT No. 108282A EXP. DATE: 10/2020

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 70 Count at 45 minutes: 79 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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December 6, 2018



CERTIFICATE OF ANALYSIS

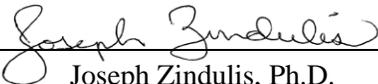
PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (ml) 9 LOT No. 108283A EXP. DATE: 10/2020

TEST	RESULTS	SPECIFICATION	METHOD
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	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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

December 6, 2018



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (ml) 9 LOT No. 108284A EXP. DATE: 10/2020

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 70 Count at 45 minutes: 87 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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December 6, 2018



CERTIFICATE OF ANALYSIS

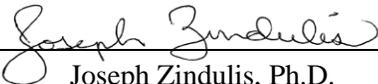
PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (ml) 9 LOT No. 108288A EXP. DATE: 10/2020

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 66 Count at 45 minutes: 80 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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

December 6, 2018



CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (ml) 9 LOT No. 108289A EXP. DATE: 10/2020

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 83 Count at 45 minutes: 86 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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December 6, 2018



CERTIFICATE OF ANALYSIS

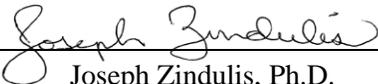
PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (ml) 9 LOT No. 108290A EXP. DATE: 10/2020

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 69 Count at 45 minutes: 91 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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



Joseph Zindulis, Ph.D.
Production Manager

December 6, 2018



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109015A EXP. DATE: 01/2021

TEST	RESULTS	SPECIFICATION	METHOD
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	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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


Joseph Zindulis, Ph.D.
Production Manager
March 20, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

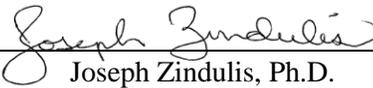
PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109016A EXP. DATE: 01/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 65 Count at 45 minutes: 74 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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


Joseph Zindulis, Ph.D.
Production Manager
March 20, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

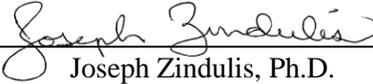
PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109017A EXP. DATE: 01/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 59 Count at 45 minutes: 65 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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(609) 584-7677



Joseph Zindulis, Ph.D.
Production Manager

March 20, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109021A EXP. DATE: 01/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 57 Count at 45 minutes: 56 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
March 20, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109022A EXP. DATE: 01/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 52 Count at 45 minutes: 70 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
March 20, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109023A EXP. DATE: 01/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 55 Count at 45 minutes: 51 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
April 3, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

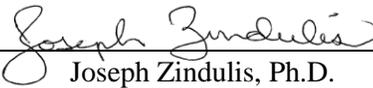
PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109024A EXP. DATE: 01/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 64 Count at 45 minutes: 63 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
April 3, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109028A EXP. DATE: 01/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 66 Count at 45 minutes: 69 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
April 3, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109029A EXP. DATE: 01/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 72 Count at 45 minutes: 74 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
April 3, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109030A EXP. DATE: 01/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 55 Count at 45 minutes: 63 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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(609) 584-7677


Joseph Zindulis, Ph.D.
Production Manager
April 3, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

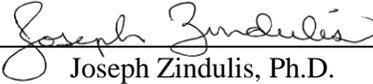
PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109031A EXP. DATE: 01/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 67 Count at 45 minutes: 58 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
April 3, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109035A EXP. DATE: 01/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 57 Count at 45 minutes: 66 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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April 3, 2019



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CERTIFICATE OF ANALYSIS

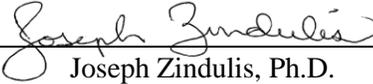
PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109036A EXP. DATE: 01/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 61 Count at 45 minutes: 67 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
April 3, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109037A EXP. DATE: 01/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 51 Count at 45 minutes: 61 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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

April 3, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109038A EXP. DATE: 01/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 73 Count at 45 minutes: 66 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
April 3, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109042A EXP. DATE: 01/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 49 Count at 45 minutes: 55 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
April 3, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109043A EXP. DATE: 01/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 70 Count at 45 minutes: 64 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
April 3, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109044A EXP. DATE: 01/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 58 Count at 45 minutes: 64 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
Weber Scientific
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Joseph Zindulis, Ph.D.
Production Manager
April 3, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109045A EXP. DATE: 01/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 65 Count at 45 minutes: 65 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
April 3, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109162A EXP. DATE: 06/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 46 Count at 45 minutes: 62 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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

July 30, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109163A EXP. DATE: 06/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 56 Count at 45 minutes: 67 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
July 30, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109164A EXP. DATE: 06/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 57 Count at 45 minutes: 58 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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


Joseph Zindulis, Ph.D.
Production Manager
July 30, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109168A EXP. DATE: 06/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 67 Count at 45 minutes: 54 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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


Joseph Zindulis, Ph.D.
Production Manager
July 30, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109169A EXP. DATE: 06/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 67 Count at 45 minutes: 63 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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(609) 584-7677


Joseph Zindulis, Ph.D.
Production Manager
July 30, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109170A EXP. DATE: 06/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 65 Count at 45 minutes: 72 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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

July 30, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109171A EXP. DATE: 06/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 62 Count at 45 minutes: 54 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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

July 30, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109246A EXP. DATE: 09/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 76 Count at 45 minutes: 77 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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


Joseph Zindulis, Ph.D.
Production Manager
October 18, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109247A EXP. DATE: 09/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 70 Count at 45 minutes: 73 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
Weber Scientific
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Joseph Zindulis, Ph.D.
Production Manager
October 18, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109248A EXP. DATE: 09/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 69 Count at 45 minutes: 69 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
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October 18, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109252A EXP. DATE: 09/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 74 Count at 45 minutes: 84 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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

October 18, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109253A EXP. DATE: 09/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 67 Count at 45 minutes: 70 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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


Joseph Zindulis, Ph.D.
Production Manager
October 18, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109254A EXP. DATE: 09/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 70 Count at 45 minutes: 71 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
Weber Scientific
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Hamilton, NJ 08691
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Joseph Zindulis, Ph.D.
Production Manager

October 18, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109255A EXP. DATE: 09/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 72 Count at 45 minutes: 72 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
October 18, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109259A EXP. DATE: 09/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 80 Count at 45 minutes: 71 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
November 25, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109260A EXP. DATE: 09/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 93 Count at 45 minutes:86 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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



Joseph Zindulis, Ph.D.
Production Manager

November 19, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109261A EXP. DATE: 09/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 90 Count at 45 minutes:86 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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


Joseph Zindulis, Ph.D.
Production Manager
November 19, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109262A EXP. DATE: 09/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 84 Count at 45 minutes: 75 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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


Joseph Zindulis, Ph.D.
Production Manager
November 19, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109266A EXP. DATE: 09/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 72 Count at 45 minutes: 77 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
November 19, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109267A EXP. DATE: 09/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 90 Count at 45 minutes: 82 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	<1 x10 ⁻⁶	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
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November 19, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

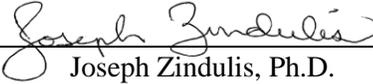
PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109268A EXP. DATE: 09/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 53 Count at 45 minutes: 45 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

Made By:
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Joseph Zindulis, Ph.D.
Production Manager
November 19, 2019



WEBER SCIENTIFIC

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION: Weber Scientific Phosphate Butterfield Buffer

CATALOG No. 3127-09 VOLUME (mL) 9 LOT No. 109269A EXP. DATE: 09/2021

TEST	RESULTS	SPECIFICATION	METHOD
TOXICITY*	Count at 0 minutes: 78 Count at 45 minutes: 74 PASSES	< 20% DECREASE	WS cSOP 24.3; 54.0
STERILITY	PASSES	$<1 \times 10^{-6}$	Gamma Irradiated
PACKAGE INTEGRITY TUBE	CONFORMS	NO LEAKING	WS cSOP 14.4

*TEST PERFORMED AT COMMERCIAL LAB: New Jersey Laboratories.

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Joseph Zindulis, Ph.D.
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November 19, 2019