

## CERTIFICATE OF ANALYSIS

<b>Product name:</b>	Phosphate-Buffered Saline, pH 7.4 (1X) without Calcium and Magnesium		
<b>Catalogue No.:</b>	RBP027401		
<b>Batch No.:</b>	PB741X00124	<b>Storage Conditions:</b>	15–30°C
<b>AR No.:</b>	FPQC/24-25/007	<b>COA No.:</b>	COA/24-25/004
<b>Mfg. Date:</b>	October 2024	<b>Expiry Date:</b>	October 2026

Test	Specifications	Results
Appearance	Colourless, clear solution	Complies
pH	7.2-7.6	7.50
Osmolality	280–320 mOsm/kg	292 mOsm/kg
Sterility <sup>1</sup>	Sterile	Complies
Endotoxin <sup>2</sup>	< 0.25 EU/mL	Complies
Salt Toxicity Test <sup>3</sup>	Passes	Complies
Mycoplasma <sup>4</sup>	Negative	Complies

The product, RBP027401, Batch no. PB741X00124 has been tested. All the test parameters comply with the acceptance criteria.

**Date of Release:** 18/11/2024



Quality Department

Date: 18/11/2024

**Note:**

- For research or further manufacturing of cell, gene, or tissue-based products only. Not intended for direct administration into humans or animals.
- Manufactured in a cGMP-compliant facility under the ISO 13485:2016 standards using Animal Origin-Free (AOF) components.

<sup>1</sup> Sterility Testing (Bacterial and Fungal) carried out in accordance with < USP 71 >

<sup>2</sup> Bacterial Endotoxin Testing carried out in accordance with < USP 85 >

<sup>3</sup> Salt Toxicity Test: Cells used: U937 cells;  $1 \times 10^4$  cells/well are seeded in control (complete media, RPMI 1640 + 10% FBS) and test (PBS) in a 96-well plate (in triplicates) and incubated at 37°C in a CO<sub>2</sub> incubator for 1 hour and 8 hours. Cells are counted at each time point and % viability determined. The viability of cells in the test (PBS) wells at 1 hour should be  $\geq 90\%$  of the complete media control and at 8 hours should be  $\geq 75\%$  of the complete media control to be acceptable.

<sup>4</sup> Mycoplasma Test carried out using a Real Time PCR-based kit to amplify target DNA sequences common to a variety of mycoplasmas.



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By **RESOLVE**

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