

CERTIFICATE OF ANALYSIS

Product name:	Phosphate-Buffered Saline, pH 7.2 (1X) without Calcium and Magnesium		
Catalogue No.:	RBP017201		
Batch No.:	PB721X00225	Storage Conditions:	15–30°C
AR No.:	FPQC/24-25/012	COA No.:	COA/24-25/013
Mfg. Date:	January 2025	Expiry Date:	January 2027

Test	Specifications	Results
Appearance	Clear, colourless liquid	Complies
pH	7.0-7.4	7.22
Osmolality	280–320 mOsm/kg	290 mOsm/kg
Sterility ¹	Sterile	Complies
Endotoxin ²	< 0.25 EU/mL	Complies
Salt Toxicity Test ³	Passes	Complies
Mycoplasma ⁴	Negative	Complies

The product, RBP017201, Batch no. PB721X00225 has been tested. All the test parameters comply with the acceptance criteria.

Date of Release: 21/02/2025

Quality Department

Date: 21/02/2025

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.

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

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

³ Salt Toxicity Test: Cells used: U937 cells; 1×10^4 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 CO₂ 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.

⁴ 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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