

CERTIFICATE OF ANALYSIS

Product name: PBS, pH 7.4 (1X) (without Ca ²⁺ and Mg ²⁺)	Catalogue No.: RBP027401
Batch No.: PB741X00124	Storage Conditions: 15–30°C
AR No.: FPQC/24-25/007	COA No.: COA/24-25/004
Mfg. Date: October 2024	Expiry Date: September 2026

Test	Specifications	Results
Appearance	Clear, colourless liquid	Complies
pH	7.4 ± 0.20	7.50
Osmolality	280–320 mOsm/kg	292 mOsm/kg
Sterility ¹	Sterile	Complies
Endotoxin ²	< 0.25 EU/mL	< 0.125 EU/mL
Salt Toxicity Test ³	Passes	Complies
Mycoplasma ⁴	Negative	Complies

The product, PBS pH 7.4 (1X, without Ca²⁺ and Mg²⁺), Batch no. PB741X00124 has been tested. All the test parameters comply with the acceptance criteria.

Date of Release: 23/10/2024



Quality Department

Date: 23/10/2024

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.

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 × 10⁴ 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 ≥ 90% of the complete media control and at 8 hours should be ≥ 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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