

## CERTIFICATE OF ANALYSIS

|  |                                    |
|--|------------------------------------|
| <b>Product name:</b> DPBS (1X)<br>(without Ca <sup>2+</sup> and Mg <sup>2+</sup> ) | <b>Catalogue No.:</b> RBDP0101     |
| <b>Batch No.:</b> DPB721X00124   | <b>Storage Conditions:</b> 15–30°C |
| <b>AR No.:</b> FPQC/24-25/010  | <b>COA No.:</b> COA/24-25/011      |
| <b>Mfg. Date:</b> December 2024  | <b>Expiry Date:</b> November 2026  |

| Test                            | Specifications           | Results       |
|---------------------------------|--------------------------|---------------|
| Appearance                      | Clear, colourless liquid | Complies      |
| pH                              | 7.0 – 7.3                | 7.04          |
| Osmolality                      | 260–320 mOsm/kg          | 280 mOsm/kg   |
| Sterility <sup>1</sup>          | Sterile                  | Complies      |
| Endotoxin <sup>2</sup>          | < 0.25 EU/mL             | < 0.125 EU/mL |
| Salt Toxicity Test <sup>3</sup> | Passes                   | Complies      |
| Mycoplasma <sup>4</sup>         | Negative                 | Complies      |

The product, DPBS pH 7.2 (1X, without Ca<sup>2+</sup> and Mg<sup>2+</sup>), Batch no. DPB721X00124 has been tested. All the test parameters comply with the acceptance criteria.

**Date of Release:** 02/01/2025



Quality Department

Date: 02/01/2025

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.

<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 × 10<sup>4</sup> 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 ≥ 90% of the complete media control and at 8 hours should be ≥ 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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