

## CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by TUV SUD America Inc.  
Certificate Number. 951001163

Catalogue Number	J67670
Lot Number	Q19L565
Description	Phosphate-buffered saline (DPBS, 1X), Dulbecco's formula
Quality Test/Release Date	17/Oct/2025
Suggested retest date	17/Oct/2027
Country of Origin	Canada
Declaration of Origin	Synthetic
BSE/TSE	Not directly derived from or manufactured with any animal byproducts in any way (including but not limited to fermentation or nutrient broth, catalysts, enzymes).

Result Name	Units	Specifications	Test Value
Appearance (Color)		Clear	Clear
Concentration	mM	0.5-1 mM magnesium chloride hexahydrate	0.5-1 mM magnesium chloride hexahydrate
Concentration	mM	0.5-1.3mM calcium chloride	0.5-1.3mM calcium chloride
Concentration	mM	1-2mM potassium dihydrogen phosphate	1-2mM potassium dihydrogen phosphate
Concentration	mM	135-150 mM sodium chloride	135-150 mM sodium chloride
Concentration	mM	2-4mM potassium chloride	2-4mM potassium chloride
Concentration	mM	7-9mM sodium hydrogen phosphate heptahydrate	7-9mM sodium hydrogen phosphate heptahydrate
Form		Liquid	Liquid
pH		7.4 ± 0.15	7.4 +/-0.15



Derek Roy  
Quality Manager, LCD

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.