

## 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 U08L539  
Description Phosphate-buffered saline (DPBS, 1X), Dulbecco's formula  
Quality Test/Release Date 20/Aug/2025  
Suggested retest date 20/Aug/2027  
Country of Origin Canada

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



Luis Perez  
Interim Director Quality, 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.