

## 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            J67593  
 Lot Number                    S22L534  
 Description                    Tyrode's Solution  
 Quality Test/Release Date    06/Jun/2025  
 Suggested retest date        06/Jun/2027  
 Country of Origin              Canada

Result Name	Units	Specifications	Test Value
Composition	mM	Calcium chloride: 1 mM	1
Composition	mM	Glucose: 5.5 mM	5.5
Composition	mM	Magnesium chloride: 1 mM	1
Composition	mM	Monosodium phosphate: 1.8 mM	1.8
Composition	mM	Potassium chloride: 5 mM	5
Composition	mM	Sodium bicarbonate: 25 mM	25
Composition	mM	Sodium chloride: 127 Mm	127
Appearance (Color)		Clear colorless	Clear colorless
Form		Liquid	Liquid
Method		Prepared in 18.2 magohms water and filtered through 0.22 micron filter	Conforms
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.