

## 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	036645
Lot Number	X13L002
Description	Water, Reagent (Deionized water), ACS
CAS Number	7732-18-5
Quality Test/Release Date	13/Oct/2025
Suggested retest date	13/Oct/2027
Country of Origin	United States

Result Name	Units	Specifications	Test Value
Chloride content	ppm	0.4ppm max	0.00004
Conductivity	Siemens/cm	0.000002 Siemens per cm @ 25°C max	0.000000056
Impurity content	ppm	(Nitrate, NO <sub>3</sub> ) : 0.4ppm max	0.00002
Impurity content	ppm	(Phosphate, PO <sub>4</sub> ) : 1ppm max	<0.00002
Impurity content	ppm	(Sulphate, SO <sub>4</sub> ) : 1ppm	<0.00005
Impurity content	ppm	Silicate (as SiO <sub>2</sub> ) : 0.01ppm max	<0.001
Impurity content		Substances reducing permanganate : Passes test	Passes test
Trace Metals	ppm	Heavy metals (as Pb) : 0.01ppm max	<0.01



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.