

## 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 033273  
Lot Number Q07L015  
Description Sulfuric acid, ACS, 95.0-98.0%  
CAS Number 7664-93-9  
Quality Test/Release Date 07/Apr/2025  
Suggested retest date 07/Apr/2028  
Country of Origin United States

Result Name	Units	Specifications	Test Value
Color (APHA)		10	5
Assay (unspecified)	%	95.0-98.0% H <sub>2</sub> SO <sub>4</sub>	96.49
Comment		Free from suspended or insoluble matter	Free from suspended or insoluble matter
Residue on ignition	ppm	5ppm	<1
Impurity content		Substances reducing permanganate 2ppm as SO <sub>2</sub>	Passes test
Impurity content	ppm	NO <sub>3</sub> 0.5ppm	<0.1
Impurity content	ppm	NH <sub>4</sub> 2ppm	<1
Impurity content	ppb	Hg 5ppb	<5
Impurity content	ppm	Fe 0.2ppm	<0.05
Impurity content	ppm	Cl 0.2ppm	<0.05
Impurity content	ppm	As 0.01ppm	<0.005
Trace Metals	ppm	(as Pb) 1ppm	<0.1



John Astarita  
Director, Quality

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.