

## 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	036289
Lot Number	P11M022
Description	Acetic acid, glacial, ACS, 99.7+%
CAS Number	64-19-7
Quality Test/Release Date	12/Mar/2026
Suggested retest date	12/Mar/2031
Country of Origin	United States

Result Name	Units	Specifications	Test Value
Color (APHA)		10 Max	5
Assay (GC)	%	≥99.7%	99.90
Comment		Dilution Test P.T.	Passes Test
Appearance (Color)		Colorless	Colorless
Free base (titration)	meq/g	0.0004meq/g Max	<0.0002
Form		Liquid	Liquid
Impurity content	%	(CH <sub>3</sub> CO) <sub>2</sub> O 0.01% Max	0.00
Impurity content	ppm	Cl 1ppm Max	<1
Impurity content	ppm	Fe 0.2ppm Max	<0.1
Impurity content		Substances reducing dichromate P.T.	Passes Test
Impurity content		Substances reducing permanganate P.T.	Passes Test
Impurity content	ppm	SO <sub>4</sub> 1ppm Max	<1
Heavy Metals (as Pb)	ppm	0.5ppm Max	<0.02
Residue on Evaporation	%	0.001% Max	0.0003



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.