Fisher Scientific UK Ltd.
Bishop Meadow Road
Loughborough,
LE11 5RG, United Kingdom

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by INTERTEK SAI Global
Certificate Number. QMS42099

Catalogue Number	22214
Lot Number	2544350
Description	Acetic Acid Glacial For analysis
CAS Number	64-19-7
Quality Test/Release Date	11/Jul/2025
Expiry Phrase	Use within 3 years of packing date
Country of Origin	United Kingdom

Result Name	Units	Specifications	Test Value
Acetic anhydride	%	<= 0.01	None Detected
Arsenic (As)	ppm	<= 0.5	<0.01
Assay	%	>= 99.8	99.83
Cadmium (Cd)	ppm	<= 0.1	<0.005
Chemical form		Mobile liquid	Mobile liquid
Chloride (Cl) (ppm)	ppm	<= 1	<1
Colour	APHA	<= 10	<5
Copper (Cu)	ppm	<= 0.1	<0.02
Dilution test		Must be 'Pass'	Pass
Heavy Metals (as Pb)	ppm	<= 0.5	<0.5
Iron (Fe)	ppm	<= 0.2	<0.1
Nickel (Ni)	ppm	<= 0.1	<0.02
Residue after evaporation (%)	%	<= 0.001	<0.0005
Substances reducing KMnO4 (Pass/Fail)		Must be 'Pass'	Pass
Substances reducing dichromate (Pass/Fail)		Must be 'Pass'	Fail
Sulfate (SO4) (ppm)	ppm	<= 1	<1
Visual colour		Clear colourless	Clear colourless
Water	%	<= 0.2	0.08

A. Ganatra

Ashok Ganatra
Supervisor, QC

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 use or further manufacturing. 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.