

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	S/9220
Lot Number	2556409
Description	Sulfuric acid - Low in Cadmium, Mercury and Lead For foodstuffs analysis
CAS Number	7664-93-9
Quality Test/Release Date	22/Oct/2025
Expiry Phrase	Use within 3 years of packing date
Country of Origin	United Kingdom

Result Name	Units	Specifications	Test Value
Aluminium (Al)	ppm	<= 0.05	<0.05
Arsenic (As)	ppm	<= 0.01	<0.005
Assay	%	>= 95	95.98
Barium (Ba)	ppm	<= 0.05	<0.01
Beryllium (Be)	ppm	<= 0.01	<0.01
Bismuth (Bi)	ppm	<= 0.1	<0.01
Cadmium (Cd)	ppm	<= 0.002	<0.002
Calcium (Ca)	ppm	<= 0.2	<0.2
Chemical form		Mobile liquid	Mobile liquid
Chloride (Cl) (ppm)	ppm	<= 0.1	<0.1
Chromium (Cr)	ppm	<= 0.05	<0.02
Cobalt (Co)	ppm	<= 0.01	<0.005
Colour	APHA	<= 10	<5
Copper (Cu)	ppm	<= 0.02	<0.01
Germanium (Ge)	ppm	<= 0.05	<0.01
Iron (Fe)	ppm	<= 0.2	<0.05
Lead (Pb)	ppm	<= 0.005	<0.005
Lithium (Li)	ppm	<= 0.01	<0.005
Magnesium (Mg)	ppm	<= 0.05	<0.02
Manganese (Mn)	ppm	<= 0.01	<0.01
Mercury (Hg)	ppm	<= 0.005	<0.005
Molybdenum (Mo)	ppm	<= 0.05	<0.01
Nickel (Ni)	ppm	<= 0.02	<0.02
Nitrate (NO3) (ppm)	ppm	<= 0.2	<0.2
Phosphate (PO4)	ppm	<= 1	<0.5
Potassium (K)	ppm	<= 0.1	<0.02
Residue after ignition	%	<= 0.0005	<0.0001
Sodium (Na)	ppm	<= 0.5	<0.2
Strontium (Sr)	ppm	<= 0.02	<0.005
Substances reducing KMnO4	%	<= 0.0002	<0.0001
Thallium (Tl)	ppm	<= 0.05	<0.01
Titanium (Ti)	ppm	<= 0.05	<0.005
Vanadium (V)	ppm	<= 0.01	<0.01
Visual colour		Clear colourless	Clear colourless
Zinc (Zn)	ppm	<= 0.05	<0.02
Zirconium (Zr)	ppm	<= 0.05	<0.01

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.



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.

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