

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	2526723
Description	Sulfuric acid - Low in Cadmium, Mercury and Lead For foodstuffs analysis
CAS Number	7664-93-9
Quality Test/Release Date	05/Mar/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	96.27
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	<0.002
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.

A. Ganatra

Ashok Ganatra
Supervisor, QC

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