

## CERTIFICATE OF ANALYSIS

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

Catalogue Number	N/2272
Lot Number	2526954
Description	Nitric acid PrimarPlus
CAS Number	7697-37-2
Quality Test/Release Date	12/Feb/2025
Expiry Phrase	Use within 18 months of packing date
Country of Origin	United Kingdom

Result Name	Units	Specifications	Test Value
Aluminium (Al)	ppm	<= 0.1	<0.02
Antimony (Sb)	ppm	<= 0.005	<0.005
Arsenic (As)	ppm	<= 0.005	<0.005
Assay	%	>= 68	69.57
Barium (Ba)	ppm	<= 0.05	<0.005
Beryllium (Be)	ppm	<= 0.005	<0.005
Bismuth (Bi)	ppm	<= 0.005	<0.005
Boron (B)	ppm	<= 0.005	<0.005
Cadmium (Cd)	ppm	<= 0.002	<0.002
Calcium (Ca)	ppm	<= 0.05	<0.05
Chemical form		Mobile liquid	Mobile liquid
Chromium (Cr)	ppm	<= 0.005	<0.005
Copper (Cu)	ppm	<= 0.005	<0.005
Gallium (Ga)	ppm	<= 0.005	<0.005
Germanium (Ge)	ppm	<= 0.005	<0.005
Indium (In)	ppm	<= 0.005	<0.005
Iron (Fe)	ppm	<= 0.05	<0.05
Lead (Pb)	ppm	<= 0.002	<0.002
Lithium (Li)	ppm	<= 0.002	<0.002
Magnesium (Mg)	ppm	<= 0.02	<0.01
Manganese (Mn)	ppm	<= 0.002	<0.002
Mercury (Hg)	ppm	<= 0.005	<0.005
Molybdenum (Mo)	ppm	<= 0.002	<0.002
Nickel (Ni)	ppm	<= 0.002	<0.002
Potassium (K)	ppm	<= 0.02	<0.02
Residue after ignition	%	<= 0.0002	0.00019
Selenium (Se)	ppm	<= 0.002	<0.002
Silver (Ag)	ppm	<= 0.005	<0.002
Sodium (Na)	ppm	<= 0.1	<0.05
Strontium (Sr)	ppm	<= 0.002	<0.002
Thallium (Tl)	ppm	<= 0.005	<0.005
Tin (Sn)	ppm	<= 0.005	<0.002
Titanium (Ti)	ppm	<= 0.002	<0.002
Total chloride (Cl)	%	<= 0.00002	<0.00002
Total phosphorus (P)	ppm	<= 0.05	<0.05
Total sulfur (S)	ppm	<= 0.2	<0.2
Vanadium (V)	ppm	<= 0.002	<0.002
Visual colour		Clear colourless	Clear colourless
Zinc (Zn)	ppm	<= 0.01	<0.01
Zirconium (Zr)	ppm	<= 0.005	<0.005

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.

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Ashok Ganatra  
Supervisor, QC

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