

Product Specification

Product Name:

Nitric Acid Puriss. p.a, (Hg 0.0000005% i.e. 0.005 ppm) PurReagent, ≥65%

Product No.: PSR50205
Brand: PureSynth
CAS No.: 7697-37-2
Molecular Formula: HNO₃
Molecular Weight: 63.01 g/mol



Test	Specification
Appearance	Colorless Liquid
Assay	≥ 65 %
residue on ignition (SO ₄)	NMT 5 ppm
silver (Ag)	NMT 0.01 ppm
arsenic (As)	NMT 0.01 ppm
aluminium (Al)	NMT 0.05 ppm
barium (Ba)	NMT 0.01 ppm
bismuth (Bi)	NMT 0.1 ppm
calcium (Ca)	NMT 0.5 ppm
cadmium (Cd)	NMT 0.01 ppm
cobalt (Co)	NMT 0.01 ppm
chromium (Cr)	NMT 0.02 ppm
copper (Cu)	NMT 0.01 ppm
iron (Fe)	NMT 0.2 ppm
mercury (Hg)	NMT 0.005 ppm
potassium (K)	NMT 0.05 ppm
Lithium (Li)	NMT 0.01 ppm
magnesium (Mg)	NMT 0.1 ppm
manganese (Mn)	NMT 0.01 ppm
molybdenum (Mo)	NMT 0.02 ppm
sodium (Na)	NMT 0.02 ppm
nickel (Ni)	NMT 0.5 ppm
lead (Pb)	NMT 0.01 ppm
strontium (Sr)	NMT 0.01 ppm
thallium (Tl)	NMT 0.05 ppm
zinc (Zn)	NMT 0.05 ppm
chloride (Cl)	NMT 0.5 ppm
phosphate (PO ₄)	NMT 0.5 ppm
sulfate (SO ₄)	NMT 1 ppm

The information represented here may/may not represent the entire product specification and application recommended by PureSynth Research Chemicals. This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above.
For queries on this Specifications, please contact our technical team at technical@pure-synth.com

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Specification: PR-1.0-QA/076

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