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PureSynth®
Research Chemicals

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:	HNO_3
Molecular Weight:	63.01 g/mol

$$HNO_3$$

Test	Specification
Appearance	Colorless Liquid
Assay	≥ 65 %
residue on ignition (SO4)	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 (PO4)	NMT 0.5 ppm
sulfate (SO4)	NMT 1 ppm

Specification: PR-1.0-QA/076