

Nitric acid 65%+

Chemical formula: HNO₃

Molar mass: 63,01 g/mol

CAS: 7697-37-2

EINECS: 231-714-2

semiconductor grade (18990)

Assay	min. 65,0 %
Appearance	clear colourless liquid
Sulphated ash	max. 0,0005 %
Chloride (Cl ⁻)	max. 0,0001 %
Sulfate (SO ₄ ²⁻)	max. 0,0002 %
Fe (Iron)	max. 0,00004 %
Heavy metals (as Pb)	max. 0,00005 %
Density (20 °C)	1,400 g/cm ³

A.G. (18980)

Appearance	clear colourless liquid
Assay	min. 65,0 %
Sulphated ash	max. 0,0005 %
Chloride (Cl ⁻)	max. 0,0001 %
Sulfate (SO ₄ ²⁻)	max. 0,0002 %
Fe (Iron)	max. 0,0001 %
Heavy metals (as Pb)	max. 0,0001 %
Density (20 °C)	1,400 g/cm ³

pure (18900)

Appearance	clear colourless liquid
Assay	min. 65,0 %
Sulphated ash	max. 0,015 %
Chloride (Cl ⁻)	max. 0,0005 %
Sulfate (SO ₄ ²⁻)	max. 0,002 %
Density (20 °C)	1,400 g/cm ³

technical (19020)

Appearance	yellowish liquid
Assay	min. 65,0 %

for trace analysis (44930)

Assay	65.0 - 67.0 %
Sulphated ash	max. 0,0003 %
Chloride (Cl ⁻)	max. 0,00002 %
Sulfate (SO ₄ ²⁻)	max. 0,00005 %
Phosphate (PO ₄ ³⁻)	max. 0,00002 %
Heavy metals (as Pb)	max. 0,00002 %
Density (20 °C)	1,400 g/cm ³
Antimony	max. 0,000001 %
As (Arsenic)	max. 0,000001 %
Ba (Barium)	max. 0,000001 %
Be (Beryllium)	max. 0,000001 %
Bi (Bismuth)	max. 0,000002 %
Tin	max. 0,000001 %
K (Potassium)	max. 0,00001 %
Gallium	max. 0,000005 %
Ge (Germanium)	max. 0,000002 %
Al (Aluminum)	max. 0,000005 %
Mg (Magnesium)	max. 0,000005 %
Cr (Chromium)	max. 0,000002 %
Indium	max. 0,000005 %
Cd (Cadmium)	max. 0,000001 %
Co (Cobalt)	max. 0,000001 %
Li (Lithium)	max. 0,000001 %
Mn (Manganese)	max. 0,000001 %
Cu (Copper)	max. 0,000001 %
Mo (Molybdenum)	max. 0,000001 %
Ni (Nickel)	max. 0,000002 %
Pb (Lead)	max. 0,000001 %
Platinum	max. 0,00001 %
Hg (Mercury)	max. 0,000001 %
Ag (Silver)	max. 0,000001 %
Na (Sodium)	max. 0,00002 %
Sr (Strontium)	max. 0,000001 %
Tl (Thallium)	max. 0,000002 %
Ti (Titanium)	max. 0,000002 %
V (Vanadium)	max. 0,000001 %
Ca (Calcium)	max. 0,00001 %
Zn (Zinc)	max. 0,000005 %
Zr (Zirconium)	max. 0,000002 %
Fe (Iron)	max. 0,00001 %
Tested with dithizone	complies

for trace analysis (44930)

Residual solvents

complies

Classification of the substance in accordance with Regulation (EC) No 1272/2008



Hazard statements: 290, 272, 314, 318, 331

EUH statements: 071

Precautionary statements: 260, 280, 305+351+338, 301+330+331, 303+361+353, 308+311

Signal word: Danger

ADR/RID: 8 /CO1 /II

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