

Nitric acid 68% GPR RECTAPUR®

Assay	68.5 to 70.0 %
Density (20/4)	1.400 to 1.420
Heavy metals (as Pb)	Max. 20 ppm
Ignition residue (SO ₄)	Max. 50 ppm
Cl (Chloride)	Max. 5 ppm
SO ₄ (Sulphate)	Max. 5 ppm
Fe (Iron)	Max. 2 ppm
Pb (Lead)	Max. 1 ppm
Conforms to BDH 29335	Passes test

Cat. No.	Pk	Pack type
20413.296	1 l	Glass bottle
20413.321	2,5 l	Glass bottle SAFEBREAK
20413.420	2,5 l	Plastic bottle
20413.365	5 l	Plastic bottle
20413.460	25 l	Plastic drum

Nitric acid 68% TECHNICAL

Assay 68 to 70 %

Cat. No.	Pk	Pack type
20406.292	1 l	Plastic bottle
20406.326	2,5 l	Glass bottle SAFEBREAK
20406.361	5 l	Plastic bottle

Nitric acid 67% NORMATOM®, ultrapure for trace metal analysis

Assay	Min. 67 %	Ag (Silver)	Max. 10 ppt
Al (Aluminium)	Max. 20 ppt	As (Arsenic)	Max. 20 ppt
Au (Gold)	Max. 20 ppt	B (Boron)	Max. 20 ppt
Ba (Barium)	Max. 10 ppt	Be (Beryllium)	Max. 10 ppt
Bi (Bismuth)	Max. 10 ppt	Ca (Calcium)	Max. 20 ppt
Cd (Cadmium)	Max. 10 ppt	Ce (Cerium)	Max. 10 ppt
Co (Cobalt)	Max. 10 ppt	Cr (Chromium)	Max. 20 ppt
Cs (Cesium)	Max. 10 ppt	Cu (Copper)	Max. 20 ppt
Dy (Dysprosium)	Max. 1 ppt	Er (Erbium)	Max. 1 ppt
Eu (Europium)	Max. 1 ppt	Fe (Iron)	Max. 20 ppt
Ga (Gallium)	Max. 10 ppt	Gd (Gadolinium)	Max. 1 ppt
Ge (Germanium)	Max. 10 ppt	Hf (Hafnium)	Max. 10 ppt
Hg (Mercury)	Max. 100 ppt	Ho (Holmium)	Max. 1 ppt
In (Indium)	Max. 1 ppt	K (Potassium)	Max. 10 ppt
La (Lanthanum)	Max. 1 ppt	Li (Lithium)	Max. 10 ppt
Lu (Lutetium)	Max. 1 ppt	Mg (Magnesium)	Max. 10 ppt
Mn (Manganese)	Max. 10 ppt	Mo (Molybdenum)	Max. 10 ppt
Na (Sodium)	Max. 10 ppt	Nb (Niobium)	Max. 1 ppt
Nd (Neodymium)	Max. 1 ppt	Ni (Nickel)	Max. 50 ppt
Pb (Lead)	Max. 10 ppt	Pd (Palladium)	Max. 20 ppt
Pr (Praseodymium)	Max. 1 ppt	Pt (Platinum)	Max. 20 ppt
Rb (Rubidium)	Max. 10 ppt	Re (Rhenium)	Max. 10 ppt
Rh (Rhodium)	Max. 10 ppt	Ru (Ruthenium)	Max. 20 ppt
Sb (Antimony)	Max. 10 ppt	Sc (Scandium)	Max. 10 ppt
Sm (Samarium)	Max. 1 ppt	Sn (Tin)	Max. 20 ppt
Sr (Strontium)	Max. 10 ppt	Tb (Terbium)	Max. 1 ppt
Te (Tellurium)	Max. 1 ppt	Th (Thorium)	Max. 1 ppt
Ti (Titanium)	Max. 10 ppt	Tl (Thallium)	Max. 10 ppt
Tm (Thulium)	Max. 1 ppt	U (Uranium)	Max. 1 ppt
V (Vanadium)	Max. 10 ppt	W (Tungsten)	Max. 10 ppt
Y (Yttrium)	Max. 1 ppt	Yb (Ytterbium)	Max. 1 ppt
Zn (Zinc)	Max. 20 ppt	Zr (Zirconium)	Max. 10 ppt

Cat. No.	Pk	Pack type
83879.270	500 ml	Plastic bottle
83879.290	1 l	Plastic bottle

Nitric acid 67% NORMATOM® for trace metal analysis

Assay	67 to 69 %	Colouration	Max. 10 APHA
Cl (Chloride)	Max. 0.2 ppm	Total P (Phosphorus)	Max. 0.01 ppm
Total S (Sulphur)	Max. 0.3 ppm	Ag (Silver)	Max. 0.1 ppb
Al (Aluminium)	Max. 1 ppb	As (Arsenic)	Max. 0.5 ppb
Au (Gold)	Max. 0.1 ppb	B (Boron)	Max. 1 ppb
Ba (Barium)	Max. 0.1 ppb	Be (Beryllium)	Max. 0.1 ppm
Bi (Bismuth)	Max. 0.1 ppb	Ca (Calcium)	Max. 1 ppb
Cd (Cadmium)	Max. 0.5 ppb	Ce (Cerium)	Max. 0.1 ppb
Co (Cobalt)	Max. 0.5 ppb	Cr (Chromium)	Max. 1 ppb
Cs (Cesium)	Max. 0.1 ppb	Cu (Copper)	Max. 0.5 ppb
Dy (Dysprosium)	Max. 0.1 ppb	Er (Erbium)	Max. 0.1 ppb
Eu (Europium)	Max. 0.1 ppb	Fe (Iron)	Max. 1 ppb
Ga (Gallium)	Max. 0.1 ppb	Gd (Gadolinium)	Max. 0.1 ppb
Ge (Germanium)	Max. 0.1 ppb	Hf (Hafnium)	Max. 0.1 ppb
Hg (Mercury)	Max. 0.1 ppb	Ho (Holmium)	Max. 0.1 ppb
In (Indium)	Max. 0.1 ppb	K (Potassium)	Max. 1 ppb
La (Lanthanum)	Max. 0.1 ppb	Li (Lithium)	Max. 0.1 ppb
Lu (Lutetium)	Max. 0.1 ppb	Mg (Magnesium)	Max. 1 ppb
Mn (Manganese)	Max. 0.1 ppb	Mo (Molybdenum)	Max. 0.1 ppb
Na (Sodium)	Max. 1 ppb	Nb (Niobium)	Max. 0.1 ppb
Nd (Neodymium)	Max. 0.1 ppb	Ni (Nickel)	Max. 20 ppb
Pb (Lead)	Max. 0.1 ppb	Pd (Palladium)	Max. 0.5 ppb
Pr (Praseodymium)	Max. 0.1 ppb	Pt (Platinum)	Max. 0.5 ppb
Rb (Rubidium)	Max. 0.1 ppb	Re (Rhenium)	Max. 0.1 ppb
Rh (Rhodium)	Max. 0.5 ppb	Ru (Ruthenium)	Max. 0.5 ppb
Sb (Antimony)	Max. 0.5 ppb	Sc (Scandium)	Max. 0.1 ppb
Se (Selenium)	Max. 1 ppb	Sm (Samarium)	Max. 0.1 ppb
Sn (Tin)	Max. 0.5 ppb	Sr (Strontium)	Max. 0.1 ppb
Tb (Terbium)	Max. 0.1 ppb	Te (Tellurium)	Max. 0.1 ppb
Th (Thorium)	Max. 0.1 ppb	Ti (Titanium)	Max. 0.5 ppb
Tl (Thallium)	Max. 0.1 ppb	Tm (Thulium)	Max. 0.1 ppb
U (Uranium)	Max. 0.1 ppb	V (Vanadium)	Max. 0.5 ppb
W (Tungsten)	Max. 0.1 ppb	Y (Yttrium)	Max. 0.1 ppb

Cat. No.	Pk	Pack type
83872.270	500 ml	Plastic bottle
83872.290	1 l	Plastic bottle
83872.330	2,5 l	Plastic bottle

Nitric acid 65% AnalaR NORMAPUR® analytical reagent

Assay	Min. 65.0 %	Heavy metals (as Pb)	Max. 0.2 ppm
Ignition residue (SO ₄)	Max. 5 ppm	Silica	Max. 0.2 ppm
Cl (Chloride)	Max. 0.5 ppm	PO ₄ (Phosphate)	Max. 2 ppm
SO ₄ (Sulphate)	Max. 1 ppm	Al (Aluminium)	Max. 0.1 ppm
As (Arsenic)	Max. 0.01 ppm	Ba (Barium)	Max. 0.05 ppm
Ca (Calcium)	Max. 1 ppm	Cd (Cadmium)	Max. 0.01 ppm
Co (Cobalt)	Max. 0.01 ppm	Cr (Chromium)	Max. 0.05 ppm
Cu (Copper)	Max. 0.05 ppm	Fe (Iron)	Max. 0.2 ppm
K (Potassium)	Max. 0.2 ppm	Mg (Magnesium)	Max. 0.2 ppm
Mn (Manganese)	Max. 0.01 ppm	Mo (Molybdenum)	Max. 0.02 ppm
Na (Sodium)	Max. 3 ppm	Ni (Nickel)	Max. 0.05 ppm
Pb (Lead)	Max. 0.05 ppm	Sr (Strontium)	Max. 0.02 ppm
Zn (Zinc)	Max. 0.1 ppm		

Cat. No.	Pk	Pack type
20429.245	1 l	Glass bottle SAFEBREAK
20429.291	1 l	Glass bottle
20429.320	2,5 l	Glass bottle
20429.427	2,5 l	Glass bottle SAFEBREAK
20429.460	25 l	Steel drum

Nitric acid (60 - < 65%)

Danger

H272 H314

P210 P280 P301+P330+P331 P304+P340 P309+P310



CAS 7697-37-2

Index 007-004-00-1

EINECS: 231-714-2

UN: 2031

ADR 8,II

Restricted to professional users.

HNO₃

M.W. 63.01 g/mol

Density: 1.37 g/cm³ (20 °C)

Boiling Pt: ~ 120 °C (1013 hPa)

Melting Pt: -22 °C

Storage Temperature: Ambient temperature