Specification

1.00441.1000 Nitric acid 65% Suprapur®

	Specification	
Assay (acidimetric)	≥ 65.0	%
Chloride (Cl)	≤ 50	ppb
Phosphate (PO_4)	≤ 10	ppb
Sulfate (SO_4)	≤ 200	ppb
Ag (Silver)	≤ 0.5	ppb
Al (Aluminium)	≤ 10.0	ppb
As (Arsenic)	≤ 0.5	ppb
Au (Gold)	≤ 0.1	ppb
Ba (Barium)	≤ 0.5	ppb
Be (Beryllium)	≤ 0.5	ppb
Bi (Bismuth)	≤ 0.5	ppb
Ca (Calcium)	≤ 10.0	ppb
Cd (Cadmium)	≤ 0.5	ppb
Co (Cobalt)	≤ 0.5	ppb
Cr (Chromium)	≤ 1.0	ppb
Cu (Copper)	≤ 0.5	ppb
Fe (Iron)	≤ 2.0	ppb
Ga (Gallium)	≤ 0.1	ppb
Ge (Germanium)	≤ 0.1	ppb
Hg (Mercury)	≤ 1.0	ppb
In (Indium)	≤ 0.5	ppb
K (Potassium)	≤ 10.0	ppb
Li (Lithium)	≤ 0.5	ppb
Mg (Magnesium)	≤ 10.0	ppb
Mn (Manganese)	≤ 0.5	ppb
Mo (Molybdenum)	≤ 0.5	ppb
Na (Sodium)	≤ 10.0	ppb
Ni (Nickel)	≤ 5.0	ppb
Pb (Lead)	≤ 2	ppb
Pt (Platinum)	≤ 0.5	ppb
Sb (Antimony)	≤ 0.5	ppb
Sn (Tin)	≤ 0.5	ppb
Sr (Strontium)	≤ 0.5	ppb
Ti (Titanium)	≤ 1.0	ppb
Tl (Thallium)	≤ 0.5	ppb
V (Vanadium)	≤ 0.5	ppb
Zn (Zinc)	≤ 2.0	ppb
Zr (Zirconium)	≤ 1.0	ppb
Residue on ignition (as sulfate)	≤ 2	ppm

Actual analysis values are subject to unavoidable systematic variations in this concentration range

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Dr. Nina Hegmann
Responsible laboratory manager quality control

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