Product Specification

Material	450041M
Material description	Nitric acid 69%
Grade	ARISTAR
CAS Number	7697-37-2
Molecular formula	HNO3
Molecular mass	63.01

Characteristics	Specifications
Assay	68.5 --> 69.5 %
Cl (Chloride)	Max. 0.05 ppm
PO4 (Phosphate)	Max. 0.1 ppm
Si (as silicate)	Max. 0.1 ppm
SO4 (Sulphate)	Max. 0.5 ppm
As + Sb (as As)	Max. 0.005 ppm
Ag (Silver)	Max. 0.005 ppm
Al (Aluminium)	Max. 0.020 ppm
Au (Gold)	Max. 0.005 ppm
B (Boron)	Max. 0.005 ppm
Ba (Barium)	Max. 0.005 ppm
Be (Beryllium)	Max. 0.005 ppm
Bi (Bismuth)	Max. 0.005 ppm
Ca (Calcium)	Max. 0.050 ppm
Cd (Cadmium)	Max. 0.005 ppm
Co (Cobalt)	Max. 0.005 ppm
Cr (Chromium)	Max. 0.010 ppm
Cu (Copper)	Max. 0.005 ppm
Fe (Iron)	Max. 0.020 ppm
Ga (Gallium)	Max. 0.020 ppm
Ge (Germanium)	Max. 0.010 ppm
Hg (Mercury)	Max. 0.001 ppm
In (Indium)	Max. 0.010 ppm
K (Potassium)	Max. 0.010 ppm
Li (Lithium)	Max. 0.005 ppm
Mg (Magnesium)	Max. 0.010 ppm
Mn (Manganese)	Max. 0.005 ppm
Mo (Molybdenum)	Max. 0.005 ppm

>>> Continued on page 2 >>>

For Professional use in Laboratory or Manufacturing. Not for use as an Active Pharmaceutical Ingredient or Food or Animal Feed. Suitability and intended use of the product remains the responsibility of the user.

Product Specification

Characteristics	Specifications
Na (Sodium)	Max. 0.050 ppm
Ni (Nickel)	Max. 0.005 ppm
Pb (Lead)	Max. 0.005 ppm
Pt (Platinum)	Max. 0.005 ppm
Sn (Tin)	Max. 0.020 ppm
Sr (Strontium)	Max. 0.005 ppm
Ti (Titanium)	Max. 0.005 ppm
Tl (Thallium)	Max. 0.005 ppm
V (Vanadium)	Max. 0.005 ppm
Zn (Zinc)	Max. 0.010 ppm
Zr (Zirconium)	Max. 0.005 ppm
Ignition residue (SO4)	Max. 1 ppm

Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

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