

AS098 Nitric acid, 69%, For Trace Analysis

Product Number Packing

AS098 : 500ML

Product Information


Product Code : AS098
Product Name : Nitric acid, 69%, For Trace Analysis
Molecular Formula : H N O₃
Molecular Weight : 63.01
CAS No. : 7697-37-2
EC No. : 231-714-2
HS Code : 2808 00 00
EC Index No. : 007-004-00-1
Shelf life : 3 years

Technical Specification


Appearance : Clear colourless liquid
Density (d 20/4) : ~1.42 g/mL
Silicate (as Si) : <= 0.00001%
Phosphate (PO₄) : <= 0.00001%
Sulphate (SO₄) : <= 0.00005%
Chloride (Cl) : <= 0.000005%
Silver (Ag) : <= 0.0000005%
Aluminium (Al) : <= 0.000002%
Gold (Au) : <= 0.0000005%
Boron (B) : <= 0.0000005%
Barium (Ba) : <= 0.0000005%
Beryllium (Be) : <= 0.0000005%
Bismuth (Bi) : <= 0.0000005%
Calcium (Ca) : <= 0.000005%
Cadmium (Cd) : <= 0.0000005%
Chromium (Cr) : <= 0.000001%
Cobalt (Co) : <= 0.0000005%
Iron (Fe) : <= 0.000002%
Copper (Cu) : <= 0.0000005%
Germanium (Ge) : <= 0.000001%
Gallium (Ga) : <= 0.000002%
Indium (In) : <= 0.000001%
Mercury (Hg) : <= 0.0000001%
Lithium (Li) : <= 0.0000005%
Potassium (K) : <= 0.000001%
Manganese (Mn) : <= 0.0000005%
Magnesium (Mg) : <= 0.000001%

Sodium (Na)	:	<= 0.000005%
Molybdenum (Mo)	:	<= 0.0000005%
Lead (Pb)	:	<= 0.0000005%
Nickel (Ni)	:	<= 0.0000005%
Tin (Sn)	:	<= 0.000002%
Strontium (Sr)	:	<= 0.0000005%
Platinum (Pt)	:	<= 0.0000005%
Arsenic + Antimoine (As + Sb) (as As)	:	<= 0.0000005%
Vanadium (V)	:	<= 0.0000005%
Zinc (Zn)	:	<= 0.000001%
Titanium (Ti)	:	<= 0.0000005%
Thallium (Tl)	:	<= 0.0000005%
Zirconium (Zr)	:	<= 0.0000005%
Residue on ignition (as sulphates)	:	<= 0.0001%
Assay (NaOH Titration)	:	68.50 - 69.50 %

GHS Safety Information

Hazard Statement(s)	:	H272-H314
Precautionary Statement(s)	:	P220-P280-P305+P351+P338-P310
Signal Word	:	Danger
Hazard Pictogram(s)	:	

Risk and Safety Information

R-Phrase(s)	:	35
S-Phrase(s)	:	23-26-36-45
WGK	:	2
Storage Temperature(°C)	:	Store below 30°C
Hazard Symbol(s)	:	

Transport Information

UN No.	:	2031
Class	:	8
Packaging Group	:	2
Marine Pollutant	:	No
ADR/RID	:	2031 8/PG 2
IMDG	:	2031 8/PG 2
IATA	:	2031 8/PG 2