

Technical Data sheet**NITRIC ACID 55% w/w**

Product Code :086002 NITRIC ACID 55% w/w**Formula** :HNO₃**Retest period** : 60 months**Standard Grade** : PE**Rev.:** 23/03/2010

General Information :

Density	1,340 g/cm3
Mol weight	63,01 g/mol
CAS Nr	7697-37-2
EINECS Nr	231-714-2
HS code	28080000

Transport :

ADR/RID Class	8/II,C01
UN Nr	2031
Danger	80
Transport Labels	8
IMDG Code	8/II
IATA Code	8
IATA Group	II
CAO Code	813
PAX Code	P

Specifications :

Assay (Acidim.)	53,0 - 57,0 %	Chloride (Cl)	Max. 0,001 %
Phosphate (PO4)	Max. 0,001 %	Sulphate (SO4)	Max. 0,001 %
Arsenic (As)	Max. 0,00005 %	Cadmium (Cd)	Max. 0,00005 %
Mercury (Hg)	Max. 0,00005 %	Lead (Pb)	Max. 0,00005 %
Heavy metals (as Pb)	Max. 0,0002 %	Silver (Ag)	Max. 0,00005 %
Gold (Au)	Max. 0,0001 %	Boron (B)	Max. 0,0001 %
Bismuth	Max. 0,00005 %	Calcium (Ca)	Max. 0,0005 %
Cobalt (Co)	Max. 0,00005 %	Chromium (Cr)	Max. 0,0001 %
Copper (Cu)	Max. 0,00005 %	Iron (Fe)	Max. 0,0001 %
Gallium (Ga)	Max. 0,0001 %	Magnesium (Mg)	Max. 0,0005 %
Manganese (Mn)	Max. 0,0005 %	Molybdenum (Mo)	Max. 0,0001 %
Nickel (Ni)	Max. 0,0001 %	Potassium (K)	Max. 0,0005 %
Sodium (Na)	Max. 0,0005 %	Strontium (Sr)	Max. 0,0001 %
Titanium (Ti)	Max. 0,0001 %	Vanadium (V)	Max. 0,0001 %
Zinc (Zn)	Max. 0,0001 %		

Labels : H-314:Causes severe skin burns and eye damage. H-290:May be corrosive to metals. P-309+311:IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician. P-305+351:If in eyes: Rinse cautiously with water for several minutes. P-338:Remove contact lenses, if present and easy to do. Continue rinsing. P-260:Do not breathe dust/fume/gas/mist/vapours/spray. P-280:Wear protective gloves/protective clothing/eye protection/face protection.

