



Product Specification

NITRIC ACID EL

PRODUCT CODE	756355
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7697-37-2)
ATOMIC OR MOLECULAR FORMULA	HNO ₃
ATOMIC OR MOLECULAR WEIGHT	63.01
PROPERTIES	Hygroscopic, strong oxidizing agent.

HNO₃

PARAMETER	LIMIT
Description	Clear colourless liquid with not more than 10Hazen units.
Solubility	Miscible with water, forming clear & colourless solution.
Minimum assay (Non Aqueous)	69 - 71%

MAXIMUM LIMIT OF IMPURITIES

Chlorides (Cl)	0.000008%
Phosphates (PO ₄)	0.00002%
Sulphates (SO ₄)	0.00005%
Aluminium (Al)	0.000005%
Antimony (Sb)	0.000005%
Arsenic (As)	0.000001%
Barium (Ba)	0.000001%
Beryllium (Be)	0.000001%
Bismuth (Bi)	0.000001%
Boron (B)	0.000001%
Cadmium (Cd)	0.000005%
Calcium (Ca)	0.000001%
Chromium (Cr)	0.000001%
Cobalt (Co)	0.000001%
Copper (Cu)	0.000001%
Gallium (Ga)	0.000001%
Germanium (Ge)	0.000005%
Gold (Au)	0.000005%
Iron (Fe)	0.000005%
Lead (Pb)	0.000001%
Lithium (Li)	0.000005%
Magnesium (Mg)	0.000001%
Manganese (Mn)	0.000001%
Molybdenum (Mo)	0.000001%



Central Drug House (P) Ltd.

AN ISO 9001:2008 CERTIFIED COMPANY

Manufacturers of : Laboratory Fine Chemicals & Dehydrated Culture Media

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Nickel (Ni)	0.000001%
Potassium (K)	0.0000005%
Silver (Ag)	0.000001%
Sodium (Na)	0.0.0000005%
Strontium (Sr)	0.000001%
Thallium (Tl)	0.000001%
Tin (Sn)	0.000001%
Titanium (Ti)	0.000001%
Vanadium (v)	0.000001%
Zinc (Zn)	0.000001%
Zirconium (Zr)	0.000001%

Note(s) : Assay (if applicable) method mentioned.

DANGER

Hazard statements : May intensify fire; oxidizer. Fatal if inhaled. Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage.

Precautionary statements

Prevention: Do not eat, drink or smoke when using this product. Do not breathe dust or mist. Do not breathe dust/fume/gas/mist/vapours/spray. Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Wash hands thoroughly after handling. Keep away from heat. Wear respiratory protection. Use only outdoors or in a well ventilated area. Take any precautions to avoid mixing with combustibles or incompatible materials.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Keep container tightly closed. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Wash contaminated clothing before reuse. Specific treatment: refer to Label or MSDS. Absorb spillage to prevent material damage.

IMDG Code : 8/II

UN No. : 2031

IATA : 8

Disposal: --

Hazard Pictogram(s) :--



Oxidising



Acute toxicity



Corrosive to metals