



ORBITALA

who dares wins

PRODUCT: Nitric acid

Chemical name: Nitric acid, Hydrogen nitrate, Fumic acid

Chemical formula: HNO_3

CAS number: 7697-37-2

UN number: 2031

CHARACTERISTIC:

Technical specification:	Properties
Appearance	transparent liquid, colourless or slightly yellowish
NH_4Cl (to dry basis meter) g/100g \geq	99.5
content of nitrogen oxides as N_2O_4 , % (m/m), not more than	0.2*
residue after calcination % (m/m), not more than	0.01**
content of magnesium (Mg)%, (m/m), not more than	0.0005**
Sulphates , not more than	0,01 [% m/m]
Heavy metals , not more than	0.5 [ppm]
Ash , not more than	100 [ppm]
Nitro Derivatives , not more than	0.2 [% m/m]

USES:

Concentrated nitric acid is used for the production of explosives.