

INDORAMA



RustaviAZOT

**CERTIFICATE OF QUALITY
NON-CONCENTRATED NITRIC ACID
EST 16611042-002-2017**

**HNO₃
UN2031**

Non-concentrated Nitric Acid is obtained as a result of catalytic oxidation of ammonia by atmospheric oxygen under pressure and absorption of formed nitrogen oxides by water vapor condensate or desalted water.

NAME OF THE CHARACTERISTICS:

Mass fraction of nitric acid, %	57,0-60,0
Mass fraction of nitric oxides converted to N ₂ O ₄ , % , max	0,07
Mass fraction of residue after heating, % , max	0,004
Density at 20°C, kg/m ³	1366,7

PROPERTIES:

Non-concentrated Nitric Acid is a colorless or slightly yellowish liquid, which does not contain mechanical impurities. Does not burn, but is a strong oxidizer. It is highly toxic. In direct contact with the skin, it causes an acid burn. Vapors of nitric acid are poisonous, irritate the respiratory tract, cause suffocation.

APPLICATIONS:

Non-concentrated Nitric Acid is used for production of mineral fertilizers, organic and inorganic acids, etching of metals in electrotechnical, radio engineering and printing industries.

SHIPMENT:

Non-concentrated Nitric Acid is transported in special railway and auto tanks, plastic bottles and cans.

www.rustaviazot.ge

Address: 2, Mshvidoba str. Rustavi 3700, Georgia
Tel: (+995 341) 27 09 09; E-mail: info.rustaviazot@ge.indorama.com