

MANUFACTURER'S NAME AND ADDRESS

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Nitric acid concentrated

Grades: A, B

APPLICATION:

Grade A - in the manufacturing of electronic and radio-electronic devices, in the processes of nitration of organic compounds, production of explosives, chemical processing of metals, medical industry, in the production of plastics, and for other purposes.

Grade B - for galvanic processes, in the production of chemical reagents, for dissolving impurities in industrial products, in the processes of nitration of organic compounds, in the production of explosives, etc.

PACKAGING AND TRANSPORTATION:

Poured into special aluminum tanks provided by the consignor (consignee), as well as into aluminum barrels manufactured according to properly approved technical documentation. Transported by rail in special aluminum tanks; by road in aluminum barrels, as well as through made of grade A85 aluminum or grades EI 654 and EP 794 steel.

STORAGE:

Store in aluminium or steel (EI 654, EP 794) containers.

	Grade A	Grade B
Appearance	Liquid	
Nitric acid, %, min	98.6	97.5
Sulphuric acid, %, max	0.05	0.06
Nitrogen oxides (N ₂ O ₄), %, max	0.2	0.3
Residue fraction after calcination, %, max	0.014	0.025

* Manufacturing method: using intermediate concentration acid; concentration method: with magnesium nitrate.

* Limits for the Nitric Acid and Nitrogen Oxide parameters are set forth as at the time of shipment. The nitric acid and nitrogen oxide mass fractions change over time, depending on temperature