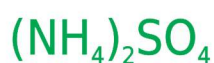


INDORAMA



RustaviAZOT

**CERTIFICATE OF QUALITY
AMMONIUM SULFATE
GOST 9097-82 with alteration №4**



The ammonium sulfate is obtained from sulfate solutions formed during the production of sodium cyanide.

CHARACTERISTIC:

Fraction of total mass of nitrogen on conversion to dry matter, %, min	21
Fraction of total mass of water, %, max	0,2
Fraction of total mass of free sulfuric acid, %, max	0,03

FRACTIONAL COMPOSITION:

fraction of total mass of grains sized over 0,5 mm, %, min	80
less than 6 mm, %	100
Free flowing, %, min	100
Fraction of total mass of residue insoluble in water, %, max	0,02
Density, kg/m ³	1766
Bulk density, kg/m ³	1130

PROPERTIES:

The ammonium sulfate represents white or slightly colored crystals of rombie shape having good solubility in water. The ammonium sulfate is a non-combustible agent. When heated up to 235°C is capable of decomposing with the release ammonia and sulfur trioxide. The ammonium sulfate is toxic and cause skin and mucous membrane irritation.

APPLICATIONS:

In agriculture as a nitrogen fertilizer for all cultivated plants (particularly tea, rice, and cotton plantations), also applicable for leather tanning.

SHIPMENT:

The ammonium sulfate is transported in bulk or in 50-kg polypropylene-polyethylene (PP + PE) sacks.

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