

STATE CONCERN
"TURKMENCHEMISTRY"

PRODUCTION ASSOCIATION "GARABOGAZSULFAT"

SODIUM SULFURIC COMMERCIAL
(Sodium sulfate BRANDS -A)



ISO 9001-2003 TDS 6318-77

Raw materials for the production of the mother-brines Bay Garabogazkol
SPECIFICATIONS

Indicator	Norm for grades	
	Grade A	
	First class	First quality
1. Appearance	Powder or granules white Allowed grayish	
2. Mass proportion of sodium sulfate (Na_2SO_4), %, not less	99,4	98,0
3. Mass proportion of water-insoluble residue, %, no more than	0,4	0,9
4. The mass proportion of chlorides, based on sodium chloride (Na Cl), %, no more than	0,2	0,7
5. Mass fraction of magnesium ions (Mg^{2+}), %, no more	0,02	0,1
6. Mass fraction of iron (Fe_2O_3), %, no more	0,01	0,015
7. Mass fraction of water, %, no more	0,3	1,0

Note: 1. The standards referred to in sub-paragraphs 2-7 of the table are given in Calculated on the dry product.

2. Sodium sulphite highest quality, designed to the production of synthetic detergents should not comprise a water-insoluble residue greater than 0,2%, calcium sulphate more than 0,04%.

TRANSPORT INFORMATION
APPLICATION

Technical sodium sulfate used for the production of synthetic detergents, pulp and paper, glass, chemical industry, in dyeing fabrics, and other purposes.

PACKAGING: Containers Big Byag 950-1000 kg bags p / e for chemical products 50 kg.

Shelf life: 6 months.



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**STATE CONCERN
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PRODUCTION ASSOCIATION "GARABOGAZSULFAT"

SODIUM SULFURIC COMMERCIAL
(Sodium sulfate BRANDS -B)
Na₂SO₄

ISO 9001-2003 TDS 6318-77

Raw materials for production - intercrystalline brines Bay Gara Bogaz-Gol

SPECIFICATIONS

Indicator	Norm for grades
	Grade B
1. Appearance	White powder Allowed grayish
2. Mass fraction of sodium sulfate (Na ₂ SO ₄), %, not less	94,0
3. The mass fraction of water insoluble residue, %, no more than	4,5
4. The mass proportion of chlorides, based on sodium chloride (NaCl), %, no more than	2,0
5. Mass fraction of magnesium ions (Mg ²⁺), %, no more	Not rated
6. Mass fraction of calcium sulphate (CaSO ₄), %, no more	1,0
7. Mass fraction of iron (Fe ₂ O ₃), %, no more	0,03
8. Mass fraction of water, %, no more	7,0

TRANSPORT INFORMATION

APPLICATION

Technical sodium sulfate intended for the pulp and paper, glass, chemical, textile industry and other purposes.

PACKAGING: Containers Big Bag 950-1000 kg bags polyethylene for chemical products 50 kg.

Shelf life: 6 months.



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