



## Soda Ash Dense Standard Certificate of Analysis

Country of Origin: Russia  
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Commodity: Soda Ash Dense  
Chemical Formula:  $\text{Na}_2\text{CO}_3$   
Grade: A  
CAS No: 497-19-8

Indicator		Standard		Test Results
Appearance	:	White Granules	:	Correspond
Mass fraction of sodium carbonate ( $\text{Na}_2\text{CO}_3$ ), %, min	:	99,0	:	99,7
Loss of weight after calcination (at 270-300 C), %, max	:	0,8	:	0,4
Mass fraction of chlorides in terms of NaCl, %, max	:	0,5	:	0,2
Mass fraction of sodium carbonate in ( $\text{Na}_2\text{CO}_3$ ) in terms of uncalcinated product, %, min	:	98,2	:	99,3
Mass fraction of iron in terms of $\text{Fe}_2\text{O}_3$ , %, max	:	0,005	:	0,002
Bulk density, g/cm <sup>3</sup> , min	:	0,9	:	1,0
Residue on sieve # 2K according to GOST 6613-86, %, max	:	5	:	2
Passing through sieve #01K according to GOST 6613-86, %, max	:	15	:	13
Mass fraction of substances insoluble in Water, %, max	:	0,04	:	0,01
Mass fraction of sulphates in terms of $\text{Na}_2\text{SO}_4$ , %, max	:	0,05	:	0,01