

CERTIFICATE OF ANALYSIS

(Dense Soda Ash)

Chemical Composition	Unit	Min	Max
Sodium Carbonate (Na_2CO_3)	% wt	99.2	99.6
Sodium Chloride (NaCl)	% wt	0.3	0.4
Sodium Bicarbonate (NaHCO_3)	% wt	---	0.1
Sodium Sulfate (Na_2SO_4)	% wt	---	0.05
Iron (Fe)	ppm	30	40
Loss on Heat	% wt	---	0.2
Moisture	% wt	---	0.2
Ni	ppm	---	30
Cr	ppm	---	10
Mn	ppm	---	10
Cu	ppm	---	30

Chemical Composition	Unit	Min	Max
Total Alkalinity (Na_2O)	% wt	58.12	58.42
Pouring Density	g/cm^3	0.85	1.1
Mesh	<40	% wt	---
	40-140		---
	>140		---

Remarks:

This report is according to the average of analyzed samples.

Acceptable limits are according to the ISIRI 614-1.