

# Specifications of Soda ash Dense

Chemical Composition	Units	Acceptable Limits	Results
Sodium carbonate (Na <sub>2</sub> CO <sub>3</sub> )	Wt%	Min 98	99.0-99.2
Sodium Chloride (NaCl)	Wt%	Max 1	0.4-0.5
Sodium Bicarbonate(NaHCO <sub>3</sub> )	Wt%	Max 1.5	0.01-0.1
Sodium Sulfate (Na <sub>2</sub> SO <sub>4</sub> )	Wt%	-----	0.04-0.07
Iron (fe)	ppm	Max 50	60-80
Loss On Heating	Wt%	Max 0.2	0.15-0.18
Moisture			
<b>Characteristics</b>			
Total Alkalinity (Na <sub>2</sub> O)	Wt%	Min 57.3	57.91-58.02
Pouring Density	g/cm <sup>3</sup>	0.85-1.1	0.90-0.94
Mesh	Wt%	<40	5.0-41.0
		40-80	51.0-75.0
		80-140	3.0-26408
		>40	0.2-1.5
<b>Remarks</b>			
This report is according to the average of analyzed samples.			
Acceptable limits are according to the ISIRI 614-1.			
<b>Quality Control:</b>			