

# Test Report

## Dense Soda Ash

<b>Date:</b>
<b>Customer:</b>

<i><b>Chemical Composition</b></i>	<i><b>Unit</b></i>	<i><b>Acceptable limits</b></i>	<i><b>Results</b></i>
Sodium Carbonate (Na <sub>2</sub> CO <sub>3</sub> )	wt%	Min 98	<b>99.0-99.2</b>
Sodium Chloride (NaCl)	wt%	Max 1	<b>0.4-0.5</b>
Sodium Bicarbonate (NaHCO <sub>3</sub> )	wt%	Max 1.5	<b>0.01-0.1</b>
Sodium Sulfate (Na <sub>2</sub> SO <sub>4</sub> )	wt%	-----	<b>0.04-0.07</b>
Iron (Fe)	ppm	Max 50	<b>60-80</b>
Loss On Heating	wt%	Max. 0.2	<b>0.15-0.18</b>
Moisture			
<i><b>Characteristics</b></i>			
Total Alkalinity (Na <sub>2</sub> O)	wt%	Min 57.3	<b>57.91-58.02</b>
Pouring Density	g/cm <sup>3</sup>	0.85-1.1	<b>0.90-0.94</b>
Mesh	wt%	<40	<b>5.0-41.0</b>
		40-80	<b>51.0-75.0</b>
		80-140	<b>3.0-26408</b>
		>140	<b>0.2-1.5</b>