

**PRODUCING, PROCESSING, MARKETING  
SALT AT ITS BEST**

**Product Specification  
Walvis Bay Salt Refiners Chemical Grade Salt**

Analysis	Unit	Specification	Typical
NaCl (Dry Basis)	% m/m	>97.0	99.4
Moisture (non-occluded)	% m/m	<3.0	2.0
Moisture (Total)	% m/m	<4.0	2.4
Sulphate as SO <sub>4</sub>	% m/m	<0.5	0.27
Calcium as Ca	% m/m	<0.1	0.06
Magnesium as Mg	% m/m	<0.1	0.05
Ca:Mg ratio		>1.5	1.22
Water Insolubles	% m/m	<0.2	0.08
Iron as Fe	mg/kg	<20	2.4
Nickel as Ni	mg/kg	<1	0.02
Aluminium as Al	mg/kg	<2	1.0
Iodine as I	mg/kg	<1.5	0.9
Silica as SiO <sub>2</sub>	mg/kg	<4	2
Ammonia as NH <sub>3</sub>	mg/kg	<5	1.99
Alkalinity as Na <sub>2</sub> CO <sub>3</sub>	%m/m	<0.5	0.32
Carbonates as Na <sub>2</sub> CO <sub>3</sub>	%m/m	<0.1	<0.1
Bromine as Br	mg/kg	No Spec	200
Strontium as Sr	mg/kg	No Spec	33

**BULK SALT AGENT:**



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**PRODUCING, PROCESSING, MARKETING  
SALT AT ITS BEST**

**Product Specification  
Walvis Bay Salt Refiners All Purpose Salt**

Analysis	Unit	Specification	Typical
NaCl (Dry Basis)	% m/m	97.0 min	99.4
Moisture (non-occluded)	% m/m	3.0 max	2.0
Moisture (Total)	% m/m	4.0 max	2.4
Sulphate as SO <sub>4</sub>	% m/m	2.0 max	0.27
Calcium as Ca	% m/m	0.10 max	0.08
Magnesium as Mg	% m/m	0.10 max	0.06
Water Insolubles	% m/m	0.2 max	0.08
Total Alkalinity, as Na <sub>2</sub> CO <sub>3</sub>	% m/m	0.5 max	0.32
Iron as Fe	mg/kg	10 max	2.4
Copper as Cu	mg/kg	2.0 max	<0.1
Lead as Pb	mg/kg	2.0 max	<0.2
Cadmium as Cd	mg/kg	0.5 max	<0.2
Arsenic as As	mg/kg	0.5 max	<0.1
Mercury as Hg	mg/kg	0.1 max	<0.02
pH (10% solution)		6 - 8	7.3

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