

Test Report of Refined -Iodised SALT

BIS -7224:2006/ FSSR-2011

Shree -Iodised Salt- 500 to 850 Mic

Sr. No.	Parameters	Unit	Standard	Actual Found
1	Appearance		White Crystalline free flow & free from Clay girt, etc - impurities	White Crystalline free flow & free from Clay girt,etc -impurities
2	Particle size			
	Passing thr. 850 MIC	%	99 ± 1	100.0
	Retained On 500 MIC	%	Min 80	82.0
	Passing Thr -150 MIC	%	Max 10	1.0
3	Moisture	%	Max 0.5	0.150
4	Water Insoluble	%	Max 1.0	0.080
5	Sodium Chloride (as a NaCl)	%	Min 98.5	99.1
6	Calcium (As a Ca++ )	%	Max 0.15	0.110
7	Magnesium (As a mg++ )	%	Max 0.10	0.05
8	Sulphate (As a So <sub>4</sub> <sup>++</sup> )	%	Max 0.60	0.24
9	Alkalinity (As a Na <sub>2</sub> CO <sub>3</sub> )	%	Max 0.15	0.10
10	Iodine (As a I <sub>2</sub> )	PPM	Min 30	32
11	Lead (As a Pb )	PPM	Max 2	less than 2 ppm
12	Arsenic (As a As )	PPM	Max 1	less than 1 ppm
13	Iron (As a Fe)	PPM	Max 50	less than 50 ppm
14	Anti caking Agent (PFC)	PPM	Max 10	less than 10 ppm
15	Free Flow Agent (Silica)	%	Max 0.25	Nil
	Hardness (80 GPL)	PPM	NA	NA
16	pH ( 5% Aqua Sol'n)		6.0 to 7.5	7.0

Checked by

Q.C.Incharge