

TEST REPORT OF IRON FORTIFIED IODIZED SALT  
(AS PER IS 16232 : 2014)

Ferrous sulphate

Date-14/08/2017

S.N.	<u>Parameters</u>	<u>Unit</u>	<u>Requirments</u>	<u>Result</u>
1	Description		The Material Shall be Crystalliane solid, white or pale pink or light grey color, free from visible contamination with clay girt other extraneous adulterants and impurities	Crystalliane solid, white or pale pink , free from visible contamination with clay girt other extraneous adulterants and impurities
2	Particle size			
	Passing trhr. 4.00 mm	%	Min 100	100.0
3	Moisture Percent by mass Max	%	1.5	0.32
4	Chloride Contents (as a Nacl)percent on dry basis - min	%	Min 97.0	97.5
5	Matter soluble in water other than Nacl	%	Max 2.5	1.98
6	Matter insoluble in dilute HCL	%	Max 0.30	0.15
7	Magnesium (As a mg++ ) max	%	Max 0.10	0.062
8	Iron (As a Fe) -	mg/kg	850 to 1100	1000
9	Iodine	PPM	Min 30	32
10	Sulphate as SO4	%	Max 1.1	0.85
11	Phosphorous -as P2O5	mg/kg	2800 to 3100	less than 3100
12	pH vature in 5% aqueous Sotution		3.5 to 7.5	4.5
12	Sodium hexameta phosphate	%	Max 1.0	0.9

Checked by

Q.C.Incharge