



CERTIFICATE OF ANALYSIS

Product Name : FERROUS SULPHATE HEPTAHYDRATE 98.5% Extra Pure
Lot No. : L384792109 Analyzed On : 29-Sep-2021
Mol. Formula : FeSO₄.7H₂O Mol. Weight : 278.01
Code No. : 03849 CAS No. : 7782-63-0
Mfg. Date : Sep-2021 Exp. Date : Aug-2024
HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	Light blue or blue-green or green powder or crystals	Greenish blue crystalline powder
2	Assay	98.5 - 104.5%	103.00%
3	pH (5% solution in water)	3.0 - 4.0	3.60
4	Chloride (Cl)	Max 0.01%	0.002%
5	Heavy metal (as Pb)	Max 0.005%	<0.005%
6	Arsenic (As)	Max 0.0002%	<0.0002%
7	Lead (Pb)	Max 0.001%	<0.005%
8	Iron (III) salts (as Fe)	Max 0.2%	0.2%
9	Copper (Cu)	Max 0.005%	0.000087%
10	Manganese (Mn)	Max 0.1%	0.0125%
11	Mercury (Hg)	Max 0.0003%	<0.0003%
12	Zinc (Zn)	Max 0.05%	<0.005%

CONCLUSION -This above product complies as per the specifications of LOBA CHEMIE PVT. LTD.

Shashikant Gaikwad
QC Manager

LOBA CHEMIE PVT. LTD.

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