



CERTIFICATE OF ANALYSIS

Product Name : FERRIC CHLORIDE HEXAHYDRATE 97% Extra Pure
Lot No. : L395702201 Analyzed On : 14-Jan-2022
Mol. Formula : FeCl₃.6H₂O Mol. Weight : 270.30
Code No. : 03819 CAS No. : 10025-77-1
Mfg. Date : Jan-2022 Exp. Date : Dec-2026
HAZ. / P.G. : 8 / III UN No. : 3260

Sr.	Tests	Specifications	Results
1	Appearance	Yellow to Yellow-Orange/Brown lumps	Yellow orange lumps
2	Assay (iodometric)	Min 97%	99.31%
3	Substance insoluble in HCl	Max 0.05%	0.05%
4	Free acid (as HCl)	Max 0.2%	0.1 %
5	Free chlorine (Cl)	Max 0.005%	0.005 %
6	Sulphate (SO ₄)	Max 0.05%	0.01%
7	Total nitrogen (N)	Max 0.005%	<0.005%
8	Heavy metal (as Pb)	Max 0.005%	Nil
9	Arsenic (As)	Max 0.001%	<0.001%
10	Substance not preprecipitate by NH ₃ (as SO ₄)	Max 0.1%	0.09%

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

Nikita
Chemist

Jagruti B. Patil
QC Manager

LOBA CHEMIE PVT. LTD.

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LOBA/QC/FM/01

05/26.10.2021