



CERTIFICATE OF ANALYSIS

Product Name : FERRIC CHLORIDE HEXAHYDRATE 97% AR/ACS
Lot No. : B39570Z2201 **Analyzed On** : 13-Jan-2022
Mol. Formula : FeCl₃.6H₂O **Mol. Weight** : 270.30
Code No. : 03820 **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 (as FeCl ₃ .6H ₂ O)	97.0 -102.0%	99.31%
3	Insoluble matter	Max 0.01%	<0.01%
4	Nitrate (NO ₃)	Max 0.01%	0.01%
5	Phosphate (PO ₄)	Max 0.01%	0.009%
6	Sulphate (SO ₄)	Max 0.01%	0.01%
7	Copper (Cu)	Max 0.003%	0.0024%
8	Iron II Fe(II)	Max 0.002%	0.002%
9	Calcium (Ca)	Max 0.01%	0.0033%
10	Zinc (Zn)	Max 0.003%	0.0020%
11	Magnesium (Mg)	Max 0.005%	0.0013%
12	Sodium (Na)	Max 0.05%	0.031%
13	Potassium (K)	Max 0.005%	0.00073%

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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