

CERTIFICATE OF ANALYSIS

PRODUCT NAME : FERRIC CHLORIDE (HEXAHYDRATE) AR
(Iron(III) Chloride 6-Hydrate)

CAS No	: 10025-77-1	Product code	: 23220
Mol. Formula	: FeCl ₃ .6H ₂ O	Batch No	: MCAR- 01052
Mol. WT	: 270.30	Mfd.	: Jan. 2025
Date of analysis	: 07/01/25	Exp.	: Dec. 2029

S.R	Test	Specification	Observation
1	Description	Brownish yellow deliquescent masses.	Brownish yellow deliquescent masses.
2	Assay	99.0 % w/w min	99.51% w/w
3	Solution in hydrochloric acid	Passes test	Passes test
4	Acidity (HCl)	0.2% max	<0.2%
5	Free chlorine (Cl)	0.001% max	<0.001%
6	Nitrogen compounds(N)	0.001% max	<0.001%
7	Phosphate (PO₄)	0.002% max	<0.002%
8	Sulphate (SO₄)	0.01% max	<0.01%
9	Arsenic (As)	0.0005% max	<0.0005%
10	Copper (Cu)	0.002% max	<0.002%
11	Iron(II) (Fe)	0.005% max	<0.005%
12	Lead (Pb)	0.002% max	<0.002%
13	Zinc (Zn)	0.002% max	<0.002%
14	Substances not precipitated by ammonia solution (as Sulphates)	0.05% max	<0.05%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**

[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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