



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : FERRIC CHLORIDE (HEXAHYDRATE) AR**

**CAS No : 10025-77-1**                      **Product code : 23220**  
**Mol. Formula : FeCl<sub>3</sub>.6H<sub>2</sub>O**                      **Batch No : MCRT-25319**  
**Mol. WT : 270.30**                      **Mfd. : March 2022**  
**Date of analysis : 17/03/22**                      **Exp. : Feb. 2027**

S.R	Test	Specification	Observation
1	<b>Description</b>	Brownish yellow deliquescent masses.	Brownish yellow deliquescent masses.
2	<b>Assay</b>	99.0 % w/w min	99.65% w/w
3	<b>Solution in hydrochloric acid</b>	Passes test	Passes test
4	<b>Acidity (HCl)</b>	0.2% max	<0.2%
5	<b>Free chlorine (Cl)</b>	0.001% max	<0.001%
6	<b>Nitrogen compounds(N)</b>	0.001% max	<0.001%
7	<b>Phosphate (PO<sub>4</sub>)</b>	0.002% max	<0.002%
8	<b>Sulphate (SO<sub>4</sub>)</b>	0.01% max	<0.01%
9	<b>Arsenic (As)</b>	0.0005% max	<0.0005%
10	<b>Copper (Cu)</b>	0.002% max	<0.002%
11	<b>Iron(II) (Fe)</b>	0.005% max	<0.005%
12	<b>Lead (Pb)</b>	0.002% max	<0.002%
13	<b>Zinc (Zn)</b>	0.002% max	<0.002%
14	<b>Substances not precipitated by ammonia solution (as Sulphates)</b>	0.05% max	<0.05%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE  
(G.G.Salian)

**Note:** Computer generated image requires no sign.