



## CERTIFICATE OF ANALYSIS

Date: 30/04/18

PRODUCT NAME : FERRIC CHLORIDE (HEXAHYDRATE) AR

CAS No : 10025-77-1  
Mol. Formula :  $\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$   
Mol. WT : 270.30  
Exp. : March 2023

Product code : 23220  
Batch No : MCR-16027  
Mfd. : April 2018

S.R	Test	Specification	Observation
1	Assay	99.0 % w/w min	99.16% w/w
2	Solution in hydrochloric acid	Passes test	Passes test
3	Acidity (HCl)	0.2% max	<0.2%
4	Free chlorine (Cl)	0.001% max	<0.001%
5	Nitrogen compounds(N)	0.001% max	<0.001%
6	Phosphate ( $\text{PO}_4$ )	0.002% max	<0.002%
7	Sulphate ( $\text{SO}_4$ )	0.01% max	<0.01%
8	Arsenic (As)	0.0005% max	<0.0005%
9	Copper (Cu)	0.002% max	<0.002%
10	Iron(II) (Fe)	0.005% max	<0.005%
11	Lead (Pb)	0.002% max	<0.002%
12	Zinc (Zn)	0.002% max	<0.002%
13	Substances not precipitated by ammonia solution (as Sulphates)	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.