

CERTIFICATE OF ANALYSIS

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

CAS No : 10025-77-1
Mol. Formula : FeCl₃.6H₂O
Mol. WT : 270.30
Date of analysis : 23/12/23

Product code : 23220
Batch No : MCRT-29995
Mfd. : Dec. 2023
Exp. : Nov. 2028

| S.R | Test | Specification | Observation |
|-----|---|--------------------------------------|--------------------------------------|
| 1 | Description | Brownish yellow deliquescent masses. | Brownish yellow deliquescent masses. |
| 2 | Assay | 99.0 % w/w min | 99.53% 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
(Durvas)

[QC Incharge]

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.