



CERTIFICATE OF ANALYSIS

PRODUCT NAME : MANGANESE (II) CHLORIDE (TETRAHYDRATE) PURIFIED
(Manganous Chloride)

CAS No : 13446- 34- 9
Mol. Formula : $MnCl_2 \cdot 4H_2O$
Mol. WT : 197.90
Date of analysis : 07/05/21

Product code : 15590
Batch No : MCR-23345
Mfd. : May 2021
Exp. : April 2026

S. R	Test	Specification	Observation
1	Description	Pink crystals or crystalline powder	Pink crystalline powder
2	Assay	97 – 101% w/w	99.51% w/w
3	Sulphate (SO₄)	0.05% max	< 0.05%
4	Barium (Ba)	0.05% max	< 0.05%
5	Iron (Fe)	0.005% max	< 0.005%
6	Potassium (K)	0.025% max	< 0.025%
7	Sodium (Na)	0.05% max	< 0.05%
8	Zinc (Zn)	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.

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)
Tel: +91 22 4066 8111, 2205 7772 . **Fax:** + 91 22 2203 4442. **Email :** info@molychem.net
Works: Plot No.B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503