



CERTIFICATE OF ANALYSIS

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

CAS No : 13446- 34- 9
Mol. Formula : MnCl₂.4H₂O
Mol. WT : 197.90
Date of analysis : 21/03/22

Product code : 15590
Batch No : MCR-25335
Mfd. : March 2022
Exp. : Feb. 2027

| S. R | Test | Specification | Observation |
|------|----------------------------------|-------------------------------------|-------------------------|
| 1 | Description | Pink crystals or crystalline powder | Pink crystalline powder |
| 2 | Assay | 97 – 101% w/w | 99.53% 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.

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