

CERTIFICATE OF ANALYSIS

PRODUCT NAME : MANGANESE (II) ACETATE (TETRAHYDRATE) AR

| | | | |
|------------------|---|--------------|--------------|
| CAS No | : 6156-78-1 | Product code | : 23925 |
| Mol. Formula | : (CH ₃ COO) ₂ Mn.4H ₂ O | Batch No | : MCAR-00183 |
| Mol. WT | : 245.09 | Mfd. | : May 2024 |
| Date of analysis | : 19/05/24 | Exp. | : April 2029 |

| S.R | Test | Specification | Observation |
|-----|---|------------------------------------|--------------------------|
| 1 | Description | Pink powder or crystalline powder. | Pink crystalline powder. |
| 2 | Assay | 99.5% min | 99.63% |
| 3 | Calcium (Ca) | 0.005% max. | <0.005% |
| 4 | Iron (Fe) | 0.0005% max. | <0.0005% |
| 5 | Magnesium (Mg) | 0.005% max. | <0.005% |
| 6 | Lead (Pb) | 0.0005% max. | <0.0005% |
| 7 | Chloride (Cl) | 0.001% max. | <0.001% |
| 8 | Sulphate (SO₄) | 0.005% max. | <0.005% |
| 9 | KMnO₄ red. matters (as O) | 0.0005% max. | <0.0005% |
| 10 | Sodium (Na) | 0.002% max. | <0.002% |
| 11 | Zinc (Zn) | 0.005% max. | <0.005% |

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]



**CHEMIST
(Durvas)**



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

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