# CERTIFICATE OF ANALYSIS

**PRODUCT NAME : MANGANESE (ll) ACETATE (TETRAHYDRATE) AR**

| | | | |
|---|---|---|---|
| **CAS No** | **: 6156-78-1** | **Product code** | **: 23925** |
| **Mol. Formula** | **: $(CH_3COO)_2Mn.4H_2O$** | **Batch No** | **: MCRT-30609** |
| **Mol. WT** | **: 245.09** | **Mfd.** | **: March 2024** |
| **Date of analysis** | **: 15/03/24** | **Exp.** | **: Feb. 2029** |

| S.R | Test | Specification | Observation |
|---|---|---|---|
| 1 | **Description** | Pink powder or crystalline powder. | Pink crystalline powder. |
| 2 | **Assay** | 99.5% min | 99.54% |
| 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 ($SO_4$)** | 0.005% max. | <0.005% |
| 9 | **$KMnO_4$ 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**
**(Aishwarya)**

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

**Note**: Computer generated image requires no sign.

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