



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : MANGANESE (II) ACETATE (TETRAHYDRATE) LR**

**CAS No : 6156-78-1**                      **Product code : 15585**  
**Mol. Formula : (CH<sub>3</sub>COO)<sub>2</sub>Mn.4H<sub>2</sub>O**      **Batch No : MCR-27720**  
**Mol. WT : 245.09**                              **Mfd. : Feb. 2023**  
**Date of analysis : 22/02/23**                      **Exp. : Jan. 2028**

S.R	Test	Specification	Observation
1	<b>Description</b>	Pink powder or crystalline powder.	Pink crystalline powder.
2	<b>Assay</b>	99 % min	99.66%
3	<b>Substances insoluble in water</b>	0.01 % max	0.007%
4	<b>Chloride (Cl)</b>	0.002% max.	<0.002%
5	<b>Sulphate(SO<sub>4</sub>)</b>	0.005% max.	<0.005%
6	<b>Lead (Pb)</b>	0.005% max.	<0.005%
7	<b>Calcium (Ca)</b>	0.1% max.	<0.1%
8	<b>Iron (Fe)</b>	0.001% max.	<0.001%
9	<b>Zinc(Zn)</b>	0.005% max.	<0.005%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Deepa)**

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

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

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