



## CERTIFICATE OF ANALYSIS

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

<b>CAS No</b>	<b>: 6156-78-1</b>	<b>Product code</b>	<b>: 15585</b>
<b>Mol. Formula</b>	<b>: (CH<sub>3</sub>COO)<sub>2</sub>Mn.4H<sub>2</sub>O</b>	<b>Batch No</b>	<b>: MCR-21774</b>
<b>Mol. WT</b>	<b>: 245.09</b>	<b>Mfd.</b>	<b>: Aug. 2020</b>
<b>Date of analysis</b>	<b>: 11/08/20</b>	<b>Exp.</b>	<b>: July 2025</b>

<b>S. R</b>	<b>Test</b>	<b>Specification</b>	<b>Observation</b>
1	<b>Description</b>	Pink powder or crystalline powder	Pink crystalline powder
2	<b>Assay</b>	99 % min	99.21%
3	<b>Substances insoluble in water</b>	0.01 % max	0.004%
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]**

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

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

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