



## CERTIFICATE OF ANALYSIS

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

CAS No : 6156-78-1                      Product code : 15585  
Mol. Formula :  $(\text{CH}_3\text{COO})_2\text{Mn}\cdot 4\text{H}_2\text{O}$                       Batch No : MCR-17369  
Mol. WT : 245.09                      Mfd. : Nov. 2018  
Date of analysis : 24/11/18                      Exp. : Oct. 2023

S. R	Test	Specification	Observation
1	Description	Pink powder or crystalline powder	Pink crystalline powder
2	Assay	99 % min	99.96%
3	Substances insoluble in water	0.01 % max	0.006%
4	Chloride (Cl)	0.002% max.	<0.002%
5	Sulphate(SO <sub>4</sub> )	0.005% max.	<0.005%
6	Lead (Pb)	0.005% max.	<0.005%
7	Calcium (Ca)	0.1% max.	<0.1%
8	Iron (Fe)	0.001% max.	<0.001%
9	Zinc(Zn)	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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