CERTIFICATE OF ANALYSIS

PRODUCT NAME : MANGANESE (II) CHLORIDE (TETRAHYDRATE) PURIFIED
(Manganous Chloride)

CAS No : 13446- 34- 9
Mol. Formula : $MnCl_2.4H_2O$
Mol. WT : 197.90
Date of analysis : 16/12/19

Product code : 15590
Batch No : MCR-20389
Mfd. : Dec. 2019
Exp. : Nov. 2022

S. R	Test	Specification	Observation
1	**Description**	Pink crystals or crystalline powder	Pink crystalline powder
2	**Assay**	97 – 101% w/w	99.27% w/w
3	**Sulphate (SO_4)**	0.05% max	< 0.05%
4	**Barium (Ba)**	0.05% max	< 0.05%
5	**Iron (Fe)**	0.005% max	< 0.005%
6	**Potassium (K)**	0.025% max	< 0.025%
7	**Sodium (Na)**	0.05% max	< 0.05%
8	**Zinc (Zn)**	0.05% max	< 0.05%

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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