



CERTIFICATE OF ANALYSIS

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

CAS No : 13446- 34- 9
Mol. Formula : $MnCl_2 \cdot 4H_2O$
Mol. WT : 197.90
Date of analysis : 05/02/22

Product code : 15590
Batch No : MCR-24987
Mfd. : Feb. 2022
Exp. : Jan. 2027

S. R	Test	Specification	Observation
1	Description	Pink crystals or crystalline powder	Pink crystalline powder
2	Assay	97 – 101% w/w	98.57% w/w
3	Sulphate (SO₄)	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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