

CERTIFICATE OF ANALYSIS

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

CAS No	: 13446-34-9	Product code	: 15590
Mol. Formula	: MnCl ₂ .4H ₂ O	Batch No	: MCR-32339
Mol. WT	: 197.90	Mfd.	: Nov. 2024
Date of analysis	: 09/11/24	Exp.	: Oct. 2029

S.R	Test	Specification	Observation
1	Description	Pink crystals or crystalline powder	Pink crystalline powder
2	Assay	97 – 101% w/w	98.26% 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]



**CHEMIST
(Shrutti)**

[QC Incharge]



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

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