



CERTIFICATE OF ANALYSIS

PRODUCT NAME : MANGANESE (II) SULPHATE AR
(Manganous Sulphate)

CAS No	: 10034-96-5	Product code	: 23960
Mol. Formula	: MnSO ₄ .H ₂ O	Batch No.	: MCAR-00661
Mol. WT	: 169.02	Mfd.	: Oct. 2024
Date of analysis	: 01/10/24	Exp.	: Sept. 2029

S.R	Test	Specification	Observation
1	Description	A pale pink powder or crystalline powder.	A pale pink crystalline powder .
2	Assay	99.0% min	99.93%
3	Reaction	NLT pH 3.5	4.52
4	Insoluble matter	0.01%max	0.007%
5	Chloride (Cl)	0.001% max	< 0.001%
6	Calcium (Ca)	0.004% max	< 0.004%
7	Copper (Cu)	0.001% max	< 0.001%
8	Iron (Fe)	0.0015% max	< 0.0015%
9	Lead (Pb)	0.001% max	< 0.001%
10	Magnesium (Mg)	0.004% max	< 0.004%
11	Nickel(Ni)	0.002% max	< 0.002%
12	Potassium(k)	0.01% max	< 0.01%
13	Sodium(Na)	0.02% max	< 0.02%
14	Zinc(Zn)	0.01%max	<0.01%
15	Substances reducing iodine(I)	0.01%max	<0.01%
16	Substances reducing permanganate(O)	0.001%max	<0.001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

CHEMIST
(Deepa)

[QC Incharge]

HEAD-QUALITY ASSURANCE
(G.G.Salian)

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