



CERTIFICATE OF ANALYSIS

PRODUCT NAME : MAGNESIUM ACETATE (TETRAHYDRATE) AR

CAS No : 16674-78-5 **Product code** : 23870
Mol. Formula : (CH₃.COO)₂Mg.4H₂O **Batch No** : MCRT-29333
Mol. WT : 214.46 **Mfd.** : Sept. 2023
Date of analysis : 18/09/23 **Exp.** : Aug. 2028

S.R	Test	Specification	Observation
1	Description	Colourless crystals or white crystalline powder.	White crystalline powder
2	Assay	99.5 - 102.0%	99.62%
3	pH of 5% solution	7.0 to 9.0	7.89
4	Substances insoluble in water	0.005% max	0.001%
5	Chloride (Cl)	0.001% max	<0.001%
6	Sulphate (SO₄)	0.005% max	<0.005%
7	Total nitrogen (N)	0.001% max	<0.001%
8	Lead (Pb)	0.0005% max	<0.0005%
9	Copper (Cu)	0.0005% max	<0.0005%
10	Iron (Fe)	0.0001% max	<0.0001%
11	Manganese (Mn)	0.001% max	<0.001%
12	Zinc (Zn)	0.0002% max	<0.0002%
13	Barium and strontium (as Ba)	0.001% max	<0.001%
14	Calcium (Ca)	0.001% max	<0.001%
15	Sodium (Na)	0.001% max	<0.001%
16	Potassium (K)	0.001% max	<0.001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Priyanka)**

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

Note: Computer generated image requires no sign.

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