

CERTIFICATE OF ANALYSIS

PRODUCT NAME: MAGNESIUM ACETATE (TETRAHYDRATE)

CAS No	: 16674- 78- 5	Product code	: 23870
Mol. Formula	: (CH ₃ .COO) ₂ Mg.4H ₂ O	Batch No	: MCR-22384
Mol. WT	: 214.46	Mfd.	: Nov. 2020
Date of analysis	: 22/11/20	Exp.	: Oct. 2025

S.R	Test	Specification	Observation
1	Description	Colourless crystals or white crystalline powder	White crystalline powder
2	Assay	99.5 - 102.0%	99.90%
3	pH of 5% solution	7.0 to 9.0	7.63
4	Substances insoluble in water	0.005% max	0.002%
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]

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

Note: Computer generated image requires no sign.