

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: MAGNESIUM ACETATE (TETRAHYDRATE)**

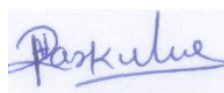
CAS No	: 16674- 78- 5	Product code	: 23870
Mol. Formula	: (CH <sub>3</sub> .COO) <sub>2</sub> Mg.4H <sub>2</sub> O	Batch No	: MCR-22384-01
Mol. WT	: 214.46	Mfd.	: Dec. 2024
Date of analysis	: 19/12/24	Exp.	: Nov. 2029

S.R	Test	Specification	Observation
1	<b>Description</b>	Colourless crystals or white crystalline powder	White crystalline powder
2	<b>Assay</b>	99.5 - 102.0%	99.88%
3	<b>pH of 5% solution</b>	7.0 to 9.0	7.63
4	<b>Substances insoluble in water</b>	0.005% max	0.002%
5	<b>Chloride (Cl)</b>	0.001% max	<0.001%
6	<b>Sulphate (SO<sub>4</sub>)</b>	0.005% max	<0.005%
7	<b>Total nitrogen (N)</b>	0.001% max	<0.001%
8	<b>Lead (Pb)</b>	0.0005% max	<0.0005%
9	<b>Copper (Cu)</b>	0.0005% max	<0.0005%
10	<b>Iron (Fe)</b>	0.0001% max	<0.0001%
11	<b>Manganese (Mn)</b>	0.001% max	<0.001%
12	<b>Zinc (Zn)</b>	0.0002% max	<0.0002%
13	<b>Barium and strontium (as Ba)</b>	0.001% max	<0.001%
14	<b>Calcium (Ca)</b>	0.001% max	<0.001%
15	<b>Sodium (Na)</b>	0.001% max	<0.001%
16	<b>Potassium (K)</b>	0.001% max	<0.001%

**REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS**

**[Tested By]**

**[QC Incharge]**



**CHEMIST  
(Deepa)**



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

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: [info@molychem.net](mailto:info@molychem.net) • Web: [www.molychem.net](http://www.molychem.net)

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.