

CERTIFICATE OF ANALYSIS

PRODUCT NAME : MAGNESIUM CHLORIDE (HEXAHYDRATE) AR

CAS No : 7791-18-6
Mol. Formula : MgCl₂.6H₂O
Mol. WT : 203.30
Date of analysis : 15/10/24

Product code : 23880
Batch No. : MCAR-00722
Mfd. : Oct. 2024
Exp. : Sept. 2029

S.R	Test	Specification	Observation
1	Description	Colourless deliquescent crystals or white crystalline powder	White crystalline powder .
2	Assay (ex Cl)	98.0% min	99.81%
3	Alcohol-Insoluble matter	passes test	passes test
4	Water-insoluble matter	0.003% max	0.002%
5	Acidity (HCl)	0.001 % max	<0.001 %
6	Alkalinity (MgO)	0.0005% max	<0.0005%
7	Nitrogen compounds (N)	0.002% max	<0.002%
8	Phosphate (PO₄)	0.0002% max	<0.0002%
9	Sulphate (SO₄)	0.002% max	<0.002%
10	Arsenic (As)	0.0001% max	<0.0001%
11	Barium (Ba)	0.005% max	<0.005%
12	Calcium (Ca)	0.002% max	<0.002%
13	Copper (Cu)	0.0002% max	<0.0002%
14	Iron (Fe)	0.0002% max	<0.0002%
15	Lead (Pb)	0.0002% max	<0.0002%
16	Manganese (Mn)	0.0005% max	<0.0005%
17	Potassium (K)	0.005% max	<0.005%
18	Sodium (Na)	0.005% max	<0.005%
19	Zinc (Zn)	0.001% max	<0.001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]



**CHEMIST
(Shruti)**



**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 • Web: 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., Kulgaoon, Badlapur (E), Dist.-Thane-421 503.