

CERTIFICATE OF ANALYSIS

PRODUCT NAME : MAGNESIUM CHLORIDE (HEXAHYDRATE) AR

CAS No	: 7791-18-6	Product code	: 23880
Mol. Formula	: MgCl ₂ .6H ₂ O	Batch No.	: MCAR-00034
Mol. WT	: 203.30	Mfd.	: April 2024
Date of analysis	: 17/04/24	Exp.	: March 2029

S.R	Test	Specification	Observation
1	Description	Colourless deliquescent crystals or white crystalline powder	Colourless crystals..
2	Assay (ex Cl)	98.0% min	99.98%
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
(Jyoti)**

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

Note: Computer generated image requires no sign

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