

Certificate of Analysis

Item Number	Product Description	Lot Number
CPB-M24000-500GM	CHEMPURE Magnesium Chloride, Hexahydrate, 500 G	174493-232407
Formula	Molecular Weight	CAS Number
Cl ₂ Mg • 6H ₂ O	203.3	7791-18-6

QC TEST/RELEASE DATE: 07/28/2022

SUGGESTED RETEST DATE: 09/30/2026

S.No	Test	Unit	Specifications	Test Value
1	Appearance		White Crystals	passed
2	Ammonium	%	≤ 0.002	< 0.002
3	Assay (Titration)	%	99.0 - 102.0	99.85
4	Barium (Ba)	%	≤ 0.005	< 0.005
5	Calcium (Ca)	%	≤ 0.01	0.000054
6	Heavy Metals (as Pb)	ppm	≤ 5	< 5
7	Insoluble Matter	%	≤ 0.005	0.002
8	Iron (Fe)	ppm	≤ 5	< 5
9	Manganese (Mn)	ppm	≤ 5	< 5
10	Nitrate	%	≤ 0.001	< 0.001
11	Phosphate (PO ₄)	ppm	≤ 5	< 5
12	Potassium (K)	%	≤ 0.005	0.0003376
13	Sodium (Na)	%	≤ 0.005	0.0000397
14	Solubility		Soluble (167g in 100ml water)	passed
15	Strontium	%	≤ 0.005	0.0006647
16	Sulfate	%	≤ 0.002	< 0.002
17	Grade		ACS	passed
18	BSE/TSE Free		BSE/TSE Free	passed

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