

Certificate of Analysis

Item Number	Product Description	Lot Number
CPB-M65240-500GM	CHEMPURE Magnesium Sulfate Heptahydrate, 500 G	167562-171152
Formula	Molecular Weight	Cas Number
MgSO ₄ • 7H ₂ O	246.5	10034-99-8

QC TEST/RELEASE DATE: 05/06/2022

SUGGESTED RETEST DATE: 11/30/2026

S.No	Test	Unit	Specifications	Test Value
1	Appearance		White Crystals	passed
2	Assay	%	≥ 99.0	99.95
3	pH (5% Solution)		5.0 - 8.2	5.59
4	Solubility		72g in 100ml water	passed
5	Ammonium	%	≤ 0.002	< 0.002
6	Calcium (Ca)	%	≤ 0.02	0.01
7	Chloride	ppm	≤ 5	< 5
8	Heavy Metals (as Pb)	ppm	≤ 5	< 5
9	Insoluble Matter	%	≤ 0.005	0.001
10	Iron	ppm	≤ 5	< 5
11	Manganese (Mn)	ppm	≤ 5	1.64
12	Nitrate	%	≤ 0.002	< 0.002
13	Potassium (K)	%	≤ 0.005	< 0.005
14	Sodium (Na)	%	≤ 0.005	< 0.005
15	Strontium	%	≤ 0.005	0.003
16	BSE/TSE Free		BSE/TSE Free	BSE/TSE Free
17	Country of Origin		Report	India

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