

Certificate of Analysis

Compound Information

Product Name:	Magnesium chloride hexahydrate,AR,≥98.0%
Cat. No.:	1043404
CAS No.:	7791-18-6
Molecular Formula:	Cl ₂ H ₁₂ MgO ₆
Molecular Weight:	203.30
Chemical Structure:	



Batch Information

Batch No.:	Lg0731288739
Storage:	Store at room temperature, keep dry and cool
Test Date:	2023-07-31
Retest Date:	2026-07-30
Origin:	Shanghai, China

QC Summary

QC Summary	Specification	Result
Appearance:	White to off-white (Solid)	White (Powder)
Assay,ω/%:	≥98.0	98.2
pH(50 g/L 25°C):	5.0~6.5	6
Clarity Test,No.:	≤3	qualified
Water Insoluble Substance,ω/%:	≤0.005	qualified
Sulfate(SO ₄),ω/%:	≤0.005	qualified
Phosphate(PO ₄),ω/%:	≤0.001	qualified
Total Nitrogen(N),ω/%:	≤0.005	qualified
Calcium(Ca),ω/%:	≤0.05	qualified
Iron(Fe),ω/%:	≤0.0005	qualified
Barium And Strontium(as Ba), ω/%:	≤0.005	qualified
Heavy Metals(as Pb),ω/%:	≤0.0005	qualified
Conclusion:	The product has been tested and complies with the given specifications.	

Caution: Research use only and are not intended for human use.

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