



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name Magnesium Chloride
Product Number: MGC-20260203
Batch Number MGC-SH2026020301
Brand SIGALD
CAS Number 7786-30-3
MDL Number MFCD00149785
Formula $MgCl_2 \cdot 6H_2O$
Formula Weight 203.30 g/mol

Quality Release Date 03 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White	White	-	Visual Inspection
Appearance (Form)	Crystalline powder or granules	Crystalline granules	-	Visual Inspection
Purity ($MgCl_2 \cdot 6H_2O$)	$\geq 98.0\%$	98.7%	%	EDTA Titration
Magnesium (Mg) Content	9.5-10.5%	10.1%	%	Atomic Absorption Spectrometry (AAS)
Chloride (Cl^-) Content	34.0-36.0%	35.2%	%	Silver Nitrate Titration
Moisture Content	$\leq 1.0\%$	0.5%	%	Karl Fischer Titration
Heavy Metals (Pb)	$\leq 0.001\%$	0.0004%	%	Atomic Absorption Spectrometry (AAS)
Iron (Fe)	$\leq 0.005\%$	0.002%	%	Spectrophotometry
Sodium (Na)	$\leq 0.5\%$	0.3%	%	Flame Photometry
Insoluble Matter in Water	$\leq 0.1\%$	0.05%	%	Gravimetric Method

Certification This batch of product has been tested in accordance with industrial standards for magnesium chloride and meets all specified requirements. It is qualified for use.

Issue Date: 03 FEB 2026