



# NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.  
Email:marketing01@newayphc.com; Phone:+86-021-50350029 <https://www.newayphc.com>

## Certificate of Analysis (COA)

### Product Information

Product Name Magnesium Sulfate  
Product Number MGS-20260218  
Batch Number MGS-SH2026021801  
Brand SIGALD  
CAS Number 7487-88-9  
MDL Number MFCD00149786  
Formula  $MgSO_4 \cdot 7H_2O$   
Formula Weight 246.47 g/mol

Quality Release Date 18 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White	White	-	Visual Inspection
Appearance (Form)	Crystalline powder or granules	Crystalline powder	-	Visual Inspection
Purity ( $MgSO_4 \cdot 7H_2O$ )	$\geq 99.0\%$	99.7%	%	EDTA Titration
pH Value (5% aqueous solution, 25°C)	5.5-7.5	6.7	-	Digital pH Meter
Moisture Content	$\leq 0.5\%$	0.3%	%	Karl Fischer Titration
Heavy Metals (Pb)	$\leq 0.001\%$	0.0002%	%	Atomic Absorption Spectrometry (AAS)
Iron (Fe)	$\leq 0.002\%$	0.001%	%	Spectrophotometry
Chloride ( $Cl^-$ )	$\leq 0.005\%$	0.003%	%	Silver Nitrate Titration
Sodium (Na)	$\leq 0.1\%$	0.05%	%	Flame Photometry
Insoluble Matter in Water	$\leq 0.01\%$	0.005%	%	Gravimetric Method

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

Issue Date: 18 FEB 2026