

Certificate of Analysis

Product Name:

Magnesium sulfate - anhydrous, ReagentPlus® , ≥99.5%

Product Number: M7506
Batch Number: MKCX8625
Brand: SIGALD
CAS Number: 7487-88-9
MDL Number: MFCD00011110
Formula: MgSO₄
Formula Weight: 120.37 g/mol
Quality Release Date: 12 MAY 2025
Recommended Retest Date: MAY 2027



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
100 mg/mL, H ₂ O		
Loss on Drying	≤ 2 %	< 1 %
Titration with EDTA	≥ 99.5 %	99.8 %
(after loss on drying)		
Identity by ICP - Magnesium	Positive	Positive
Sulfur (S)	Positive	Positive
Recommended Retest Period	-----	-----
2 Years		



Larry Coers, Director
Quality Control
Milwaukee, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

