

## Certificate of Analysis

Date of Testing: 2022-09-09 13:25:28  
Date of Next Testing: 2026-09-08 13:25:28  
Product Name: **Magnesium sulfate**  
CAS Number: 7487-88-9  
Specifications & Purity: anhydrous,  $\geq 99.5\%$   
Lot #: I2207889  
SKU #: **M116444**  
**Analysis:** **133012**  
Storage Temperature: Desiccated

| Parameter  | Limit Values          | Result                |
|--|-----------------------|-----------------------|
| Loss on drying   | 0-2 (%)               | 1.24 %                |
| Assay(Titration with EDTA)(after loss on drying)           | 99.5-100.5 (%)        | 100.21 %              |
| Appearance (M116444)                                       | White powder          | White powder          |
| ICP:Confirms Mg and S Component                            | Confirmed             | Confirmed             |
| Solubility in H <sub>2</sub> O , Colorless Clear 100 mg/ml | pass                  | Pass                  |
| X-Ray Diffraction  | Conforms to Structure | Conforms to Structure |



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