

## Certificate of Analysis

Date of Testing: 2022-08-03 11:41:38  
Date of Next Testing: 2026-08-02 11:41:38  
Product Name: **Magnesium sulfate anhydrous**  
CAS Number: 7487-88-9  
Specifications & Purity: Analytical Reagent  
Lot #: G2223121  
SKU #: **M116443**  
**Analysis: 094148**  
Storage Temperature: Desiccated

| Parameter  | Limit Values             | Result                   |
|--|--------------------------|--------------------------|
| Chloride (Cl-)   | 0-0.005 (%)              | 0.00 %                   |
| (As)Arsenic  | 0-0.005 (%)              | 0.00 %                   |
| Loss on drying   | 0-2 (%)                  | 0.53 %                   |
| Heavy metal (as Pb)  | 0-0.001 (%)              | 0.00 %                   |
| Assay(Titration with EDTA)(after loss on drying)           | 98.5-101.5 (%)           | 98.91 %                  |
| Appearance (M116443)                                       | White Powder or Crystals | White Powder or Crystals |
| 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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