

## Certificate of Analysis

Date of Testing: 2025-09-02 18:20:28  
Date of Next Testing: 2029-09-01 18:20:28  
Product Name: **Magnesium sulfate anhydrous**  
CAS Number: 7487-88-9  
Specifications & Purity: for plant cell culture,  $\geq 99.5\%$   
Lot #: I2501341  
SKU #: **M119382**  
Version: **1**  
Analysis #: **561256**  
Storage Temperature: Desiccated

| Parameter                     | Limit Values          | Result                |
|-------------------------------|-----------------------|-----------------------|
| Loss on drying                | 0-2 (%)               | 0.25 %                |
| Purity Titration by EDTA      | 99.5-100 (%)          | 99.60 %               |
| Appearance (M119382)          | white powder          | White powder          |
| Plant cell culture test       | pass                  | Pass                  |
| Solubility, 100mg/ml in water | Clear and colorless   | Clear and colorless   |
| X-Ray Diffraction             | Conforms to Structure | Conforms to Structure |



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