

Certificate of Analysis

Date of Testing: 2025-04-21 15:15:00

Date of Next Testing: 2029-04-20 15:15:00

Product Name: **Magnesium sulfate anhydrous**

CAS Number: 7487-88-9

Specifications & Purity: for cell culture, for insect cell culture, $\geq 99\%$

Lot #: D2515399

SKU # **M119381**

Version **1**

Analysis #: **401008**

| Parameter | Limit Values | Result |
|-------------------------------|-----------------------|-----------------------|
| Loss on drying | 0-2 (%) | 0.16 % |
| Purity Titration by EDTA | 99-100 (%) | 99.88 % |
| Appearance (M119381) | white powder | White powder |
| Cell Toxicity Assay | Pass | Pass |
| Insect 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 |



John Su
QA & QC Manager