

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-29 14:23:27

Date of Next Testing: 2030-01-28 14:23:27

Product Name: **Magnesium acetate tetrahydrate**

CAS Number: 16674-78-5

Specifications & Purity:  $\geq 99.98\%$  metals basis

Lot #: A2627476

SKU #: **M108882**

Version: **0**

**Analysis #:** **615083**

Storage Temperature: Room temperature

| Parameter                                       | Limit Values                | Result                      |
|-------------------------------------------------|-----------------------------|-----------------------------|
| Total Metallic Impuritie                        | 0-200 (ppm)                 | 72.00000 ppm                |
| Purity(Based on Trace Metals Impurities of ICP) | 99.98-100 (%)               | 99.99280 %                  |
| Magnesium(Mg)                                   | 11.1-11.6 (%)               | 11.29000 %                  |
| Appearance (M108882)                            | White Powder or Crystals    | White Powder or Crystals    |
| ICP: Confirms Magnesium Component               | Confirmed                   | Confirmed                   |
| Solubility in AcOH/H2O (1/99)                   | Colorless, Clear, 100 mg/ml | Colorless, Clear, 100 mg/ml |
| Proton NMR spectrum                             | Conforms to Structure       | Conforms to Structure       |



John Su  
QA & QC Manager