

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-22 13:36:01
 Date of Next Testing: 2029-12-21 13:36:01
 Product Name: **Magnesium acetate tetrahydrate**
 CAS Number: 16674-78-5
 Specifications & Purity: $\geq 99.98\%$ metals basis
 Lot #: L2517278
 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