

## Certificate of Analysis

Date of Testing: 2023-07-17 09:17:54

Date of Next Testing: 2027-07-16 09:17:54

Product Name: **Magnesium acetate tetrahydrate**

CAS Number: 16674-78-5

Specifications & Purity: 99.98% metals basis

Lot #: G23051241

SKU #: **M108882**

Analysis: **241038**

| Parameter                                       | Limit Values                | Result                      |
|-------------------------------------------------|-----------------------------|-----------------------------|
| Total Metallic Impurities                       | 0-200 (ppm)                 | 5.00 ppm                    |
| Purity(Based on Trace Metals Impurities of ICP) | 99.98-100 (%)               | 100.00 %                    |
| Magnesium(Mg)                                   | 11.1-11.6 (%)               | 11.58 %                     |
| Appearance (M108882)                            | White Powder or Crystals    | White Powder or Crystals    |
| ICP: Confirms Magnesium Component               | Confirmed                   | Confirmed                   |
| Solubility in AcOH/H <sub>2</sub> O (1/99)      | Colorless, Clear, 100 mg/ml | Colorless, Clear, 100 mg/ml |
| Proton NMR spectrum                             | Conforms to Structure       | Conforms to Structure       |



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