

## Certificate of Analysis

Date of Testing: 2024-08-02 11:39:05

Date of Next Testing: 2028-08-01 11:39:05

Product Name: **Magnesium perchlorate hexahydrate**

CAS Number: 13446-19-0

Specifications & Purity: 99.99% metals basis

Lot #: G2415422

SKU #: **M111217**

Version: **1**

Analysis #: **374769**

Storage Temperature: Desiccated

| Parameter                                       | Limit Values          | Result                |
|-------------------------------------------------|-----------------------|-----------------------|
| Total Metallic Impuritie                        | 0-200 (ppm)           | 12.00 ppm             |
| Purity(Based on Trace Metals Impurities of ICP) | 99.99-100 (%)         | 100.00 %              |
| Mg(Complexometric EDTA)                         | 7.2-7.5 (%)           | 7.43 %                |
| Water by Karl Fischer                           | 31-33 (%)             | 33.00 %               |
| Appearance (M111217)                            | White crystals        | White crystals        |
| ICP: Confirms Magnesium Component               | Confirmed             | Confirmed             |
| X-Ray Diffraction                               | Conforms to Structure | Conforms to Structure |



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