

## Certificate of Analysis

Date of Testing: 2022-02-17 17:07:37  
Date of Next Testing: 2026-02-16 17:07:37  
Product Name: **Magnesium chloride hexahydrate**  
CAS Number: 7791-18-6  
Specifications & Purity: 99.99% metals basis  
Lot #: B2215655  
SKU #: **M116337**  
**Analysis:** **069663**  
Storage Temperature: Desiccated

| Parameter                                       | Limit Values          | Result                |
|-------------------------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer                           | 51.5-53.5 (%)         | 53.10%                |
| Magnesium(Mg)                                   | 11.6-12.3 (%)         | 12.07%                |
| Total Metallic Impuritie                        | 0-100 (ppm)           | 99.00 ppm             |
| Purity(Based on Trace Metals Impurities of ICP) | 99.99-100 (%)         | 99.99%                |
| Appearance (M116337)                            | White crystals        | White crystals        |
| ICP: Confirms Magnesium Component               | Confirmed             | Confirmed             |
| X-Ray Diffraction                               | Conforms to Structure | Conforms to Structure |



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