

## Certificate of Analysis

Date of Testing: 2024-04-20 11:55:03  
Date of Next Testing: 2028-04-19 11:55:03  
Product Name: **Magnesium fluoride**  
CAS Number: 7783-40-6  
Specifications & Purity: PrimorTrace™, ≥99.99% metals basis  
Lot #: D2412298  
SKU #: **M108388**  
Version: **2**  
Analysis #: **325378**

| Parameter                                       | Limit Values                                        | Result                                              |
|-------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|
| Purity(Based on Trace Metals Impurities of ICP) | 99.99-100 (%)                                       | 99.99 %                                             |
| Ignition Residue (as sulfate)                   | 0-0.5 (%)                                           | 0.43 %                                              |
| Total Metallic Impuritie                        | 0-100 (ppm)                                         | 90.00 ppm                                           |
| X-Ray Diffraction                               | Conforms to Structure                               | Conforms to Structure                               |
| ICP: Confirms Magnesium Component               | Confirmed                                           | Confirmed                                           |
| Appearance (M108388)                            | colorless or transparent or white powder and chunks | colorless or transparent or white powder and chunks |



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