

## Certificate of Analysis

Date of Testing: 2024-12-04 16:07:08

Date of Next Testing: 2027-12-04 16:07:08

Product Name: **Magnesium boride**

CAS Number: 12007-25-9

Specifications & Purity:  $\geq 99\%$  metals basis

Lot #: L2404056

SKU #: **M302569**

Version: **3**

Analysis #: **437741**

Storage Temperature: Room temperature, Desiccated

| Parameter                                         | Limit Values          | Result                |
|---------------------------------------------------|-----------------------|-----------------------|
| Purity                                            | 99-100 (%)            | 99.86 %               |
| total metallic impurities(by ICP Atomic emission) | 0-10000 (ppm)         | 1423.00 ppm           |
| ICP: Confirms Mg Component                        | Confirmed             | Confirmed             |
| X-Ray Diffraction                                 | Conforms to Structure | Conforms to Structure |



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