

## Certificate of Analysis

Date of Testing: 2025-05-19 15:51:06

Date of Next Testing: 2028-05-18 15:51:06

Product Name: **Gadolinium(III) carbonate hydrate**

CAS Number: 38245-36-2

Specifications & Purity:  $\geq 99.9\%$  metals basis(REO)

Lot #: H2206449

SKU #: **G303608**

Version: **1**

Analysis #: **511000**

Storage Temperature: Room temperature

| Parameter                                         | Limit Values          | Result                |
|---------------------------------------------------|-----------------------|-----------------------|
| Purity(Based On Trace Rare Earth Analysis)        | 99.9-100 (%)          | 99.94 %               |
| Trace Rare Earth Analysis(by ICP Atomic emission) | $\leq 2000$ (ppm)     | 565.00 ppm            |
| Water by Karl Fischer                             | $\leq 30\%$           | 27.19 %               |
| X-Ray Diffraction                                 | Conforms to Structure | Conforms to Structure |
| ICP:Confirms Gadolinium Component                 | Confirmed             | Confirmed             |



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