

Certificate of Analysis

Date of Testing: 2023-08-01 09:50:52

Date of Next Testing: 2026-07-31 09:50:52

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

CAS Number: 38245-36-2

Specifications & Purity: 99.9% (REO)

Lot #: G2319743

SKU #: **G303608**

Analysis: **098131**

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)	≤2000 (ppm)	563.00 ppm
Water by Karl Fischer	≤30 (%)	27.19 %
ICP:Confirms Gadolinium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager