

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 #: H2206457

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)	≤ 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



John Su
QA & QC Manager