

## Certificate of Analysis

Date of Testing: 2024-04-03 13:26:36  
Date of Next Testing: 2027-04-03 13:26:36  
Product Name: **Gadolinium(III) acetate tetrahydrate**  
CAS Number: 15280-53-2  
Specifications & Purity: 99.99%  
Lot #: F2117136  
SKU #: **G302975**  
**Analysis:** **339387**  
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	16-19 (%)	17.60%
Trace Rare Earth Analysis (by ICP Atomic emission)	0-100 (ppm)	98.00 ppm
Purity (Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99%
ICP: Confirms Gd Components	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance (G302975)	Colorless to white crystalline particles or solids	Colorless to white crystalline particles or solids



John Su  
QA & QC Manager