

## Certificate of Analysis

Date of Testing: 2023-01-17 10:10:36  
Date of Next Testing: 2026-01-16 10:10:36  
Product Name: **Gadolinium(III) acetate tetrahydrate**  
CAS Number: 15280-53-2  
Specifications & Purity: 99.99%  
Lot #: A2305191  
SKU #: **G302975**  
**Analysis: 179701**  
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	16-19 (%)	18.95 %
Trace Rare Earth Analysis (by ICP Atomic emission)	0-100 (ppm)	43.00 ppm
Purity (Based On Trace Rare Earth Analysis)	99.99-100 (%)	100.00 %
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