

## Certificate of Analysis

Date of Testing: 2022-05-07 11:19:35  
Date of Next Testing: 2026-05-06 11:19:35  
Product Name: **Terbium chloride**  
CAS Number: 10042-88-3  
Specifications & Purity: anhydrous, powder, 99.99% metals basis  
Lot #: G1811072  
SKU #: **T119249**  
Analysis: **089083**

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-200 (ppm)	100.00 ppm
Water by Karl Fischer	0-1 (%)	0.99 %
Complexometric EDTA (% Tb)	59-60.8 (%)	60.10 %
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99 %
Appearance (T119249)	white powder	White powder
ICP:Confirms Terbium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager