

## Certificate of Analysis

Date of Testing: 2022-06-16 23:05:54  
Date of Next Testing: 2026-06-15 23:05:54  
Product Name: **Terbium chloride**  
CAS Number: 10042-88-3  
Specifications & Purity: anhydrous, powder, 99.99% metals basis  
Lot #: F2214546  
SKU #: **T119249**  
**Analysis: 092751**

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-200 (ppm)	48.00 ppm
Water by Karl Fischer	0-1 (%)	0.40 %
Complexometric EDTA (% Tb)	59-60.8 (%)	59.80 %
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	100.00 %
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