

## Certificate of Analysis

Date of Testing: 2024-03-21 13:05:05  
Date of Next Testing: 2026-03-21 13:05:05  
Product Name: **Terbium chloride**  
CAS Number: 10042-88-3  
Specifications & Purity: anhydrous, powder, 99.9% metals basis  
Lot #: F2214543  
SKU #: **T119248**  
Analysis: **334338**

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-2000 (ppm)	47.00 ppm
Complexometric EDTA (% Tb)	59-60.8 (%)	59.70 %
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	99.99 %
Water by Karl Fischer	0-1 (%)	0.30 %
Appearance (T119248)	white powder	White powder
ICP:Confirms Terbium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager