

Certificate of Analysis

Date of Testing: 2025-03-17 14:08:20

Date of Next Testing: 2029-03-16 14:08:20

Product Name: **Thulium oxide**

CAS Number: 12036-44-1

Specifications & Purity: $\geq 99.99\%$ (REO)

Lot #: C2507647

SKU #: **T105902**

Version: **0**

Analysis #: **455728**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Compleximetric EDTA (% Tm)	85.8-89.3 (%)	87.56 %
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99 %
Trace Rare Earth Analysis	0-200 (ppm)	93.00 ppm
Appearance (T105902)	White to Off-White Powder	White to Off-White Powder
ICP Assay	Confirmed to structure	Confirmed to structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager