

Certificate of Analysis

Date of Testing: 2024-10-11 16:25:13

Date of Next Testing: 2028-10-10 16:25:13

Product Name: **Thulium oxide**

CAS Number: 12036-44-1

Specifications & Purity: 99.99%(REO)

Lot #: J2408554

SKU # **T105902**

Version **0**

Analysis #: **409322**

Parameter	Limit Values	Result
Compleximetric EDTA (% Tm)	85.8-89.3 (%)	88.50 %
Trace Rare Earth Analysis	0-200 (ppm)	12.00 ppm
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	100.00 %
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

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager