

Certificate of Analysis

Date of Testing: 2025-05-24 09:54:46

Date of Next Testing: 2028-05-23 09:54:46

Product Name: **Terbium(III) oxide**

CAS Number: 12036-41-8

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis

Lot #: E2523481

SKU #: **T475154**

Version: **1**

Analysis #: **510076**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity Based On Rare Earth Analysis	99.99-100 (%)	99.99%
Tb(Complexometric EDTA)	85.6-88.2 (%)	86.10%
Trace Rare Earth Analysis	0-100 (ppm)	99.00 ppm
Appearance(T475154)	White to Off-White Powder or Solid or Crystals	white to off-white powder or solid or crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
ICP:Confirms Terbium Component	Confirmed	Confirmed



John Su
QA & QC Manager