

Certificate of Analysis

Date of Testing: 2024-07-08 11:45:25

Date of Next Testing: 2027-07-08 11:45:25

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

CAS Number: 12036-41-8

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

Lot #: F2426156

SKU #: **T475154**

Version: **1**

Analysis #: **361435**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Tb(Complexometric EDTA)	85.6-88.2 (%)	86.28 %
Trace Rare Earth Analysis	0-100 (ppm)	100.00 ppm
Purity Based On Rare Earth Analysis	99.99-100 (%)	99.99 %
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