

Certificate of Analysis

Date of Testing: 2023-07-04 14:03:01

Date of Next Testing: 2026-07-03 14:03:01

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

CAS Number: 12036-41-8

Specifications & Purity: 99.99% trace metals basis

Lot #: F2325292

SKU #: **T475154**

Analysis: **230747**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-100 (ppm)	100.00 ppm
Purity Based On Rare Earth Analysis	99.99-100 (%)	99.99 %
Tb(Complexometric EDTA)	85.6-88.2 (%)	88.14 %
ICP:Confirms Terbium Component	Confirmed	Confirmed
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



John Su
QA & QC Manager