

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-20 09:37:37
Date of Next Testing: 2027-03-20 09:37:37
Product Name: **Terbium(III) oxide**
CAS Number: 12036-41-8
Specifications & Purity: 99.99% trace metals basis
Lot #: C2413081
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