

Certificate of Analysis

Date of Testing: 2023-04-12 10:05:34
Date of Next Testing: 2027-04-11 10:05:34
Product Name: **Terbium oxide**
CAS Number: 12037-01-3
Specifications & Purity: 99.5% metals basis, < 100 nm
Lot #: H1506104
SKU #: **T124754**
Analysis: 209468

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.5-100 (%)	99.60%
particle size(BET)	0-100 (nm)	99.00 nm
Trace Rare Earth Analysis	0-6000 (ppm)	5999.00 ppm
Appearance (T124754)	Brown to Black Powder or Crystalline Powder	Brown to Black Powder or Crystalline Powder
ICP:Confirms Terbium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager