

Certificate of Analysis

Date of Testing: 2023-03-24 22:27:53
Date of Next Testing: 2027-03-23 22:27:53
Product Name: **Terbium oxide**
CAS Number: 12037-01-3
Specifications & Purity: 99.5% metals basis,< 100 nm
Lot #: C23201175
SKU #: **T124754**
Analysis: 190611

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.5-100 (%)	99.98%
particle size(BET)	0-100 (nm)	41.66 nm
Trace Rare Earth Analysis	0-6000 (ppm)	209.00 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