

Certificate of Analysis

Date of Testing: 2024-02-23 14:30:40

Date of Next Testing: 2026-02-12 14:30:40

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

CAS Number: 14456-47-4

Specifications & Purity: anhydrous, powder, 99.99% metals basis

Lot #: E2204264

SKU #: **T119124**

Analysis: **323074**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Assay Br(Titration by AgNO ₃)	59.2-61 (%)	60.30 %
Total Metallic Impuritie	0-200 (ppm)	100.00 ppm
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99 %
Appearance (T119124)	white powder	White powder
ICP:Confirms Terbium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager