

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2026-03-26 16:11:51
Date of Next Testing: 2030-03-25 16:11:51
Product Name: **Thulium oxide**
CAS Number: 12036-44-1
Specifications & Purity: $\geq 99.9\%$ metals basis
Lot #: C2625711
SKU #: **T105901**
Version: **0**
Analysis #: **681903**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-2000 (ppm)	52.00000 ppm
Compleximetric EDTA (% Tm)	85.8-89.3 (%)	88.62000 %
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.99480 %
Appearance (T105901)	White to Off-White Powder	White to Off-White Powder
ICP Assay	Confirmed to structure	Confirmed to structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

John Su
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QA & QC Manager

