

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

Certificate of Analysis

Date of Testing: 2025-08-04 15:35:39
Date of Next Testing: 2029-08-03 15:35:39
Product Name: **Thulium(III) chloride hexahydrate**
CAS Number: 1331-74-4
Specifications & Purity: PrimorTrace™, ≥99.99% metals basis
Lot #: G2531658
SKU #: **T119077**
Version: **2**
Analysis #: **503434**
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Compleximetric EDTA (% Tm)	41.9-46.3 (%)	43.68500 %
Trace Rare Earth Analysis	0-200 (ppm)	42.00000 ppm
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99580 %
Water by Karl Fischer	25-30 (%)	29.98000 %
Appearance (T119077)	white to green or yellow powder or flakes or Crystals	white to green or yellow powder or flakes or Crystals
ICP: Confirms Thulium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

