

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-16 15:09:58

Date of Next Testing: 2030-01-15 15:09:58

Product Name: **Thorin**

CAS Number: 3688-92-4

Specifications & Purity: $\geq 90\%$

Lot #: A2612137

SKU #: **T104944**

Version: **1**

Analysis #: **113207**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Lambda max(H ₂ O)	480-490 (nm)	484.00000 nm
Absorbance(10mg/L,480.0-490.0nm,H ₂ O,calcd.on dried substance	≥ 0.5	0.63100
Loss on drying	0-20 (%)	9.30000 %
E1%(1cm 485nm,H ₂ O)	≥ 200	201.00000
Purity(Iodometric Titration)(anhydrous)	90-100 (%)	90.12000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Sensitiveness test	pass	Pass
Appearance (T104944)	Red to Brown-Red Powder	Red to Brown-Red Powder



John Su
QA & QC Manager