

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-21 15:16:52
Date of Next Testing: 2029-02-20 15:16:52
Product Name: **Thorin**
CAS Number: 3688-92-4
Specifications & Purity: $\geq 90\%$
Lot #: B2519095
SKU #: **T104944**
Version: **1**
Analysis #: **113207**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Lambda max(H ₂ O)	480-490 (nm)	484.00 nm
Absorbance(10mg/L,480.0-490.0nm,H ₂ O,calcd.on dried substance	≥ 0.5	0.63
Loss on drying	0-20 (%)	9.30 %
E1%(1cm 485nm,H ₂ O)	≥ 200	201.00
Purity(Iodometric Titration)(anhydrous)	90-100 (%)	90.12 %
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