

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-01 11:09:42

Date of Next Testing: 2030-07-31 11:09:42

Product Name: **Thorin**

CAS Number: 3688-92-4

Specifications & Purity: $\geq 90\%$

Lot #: G2631005

SKU #: **T104944**

Version: **1**

Analysis #: **750522**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Absorbance(10mg/L,480.0-490.0nm,H ₂ O,calcd.on dried substance	≥ 0.5	0.63000
Purity(Iodometric Titration)(anhydrous)	90-100 (%)	90.11000 %
Loss on drying	0-20 (%)	9.23000 %
Absorption maximum $\lambda_{\max}$.(Propan-2-ol)	480-490 (nm)	484.00000 nm
Spec.Absorptivity A 1%/1cm ($\lambda_{\max}$;0.025 g/l;propan-2-ol; calc. on anhydrous substance)	≥ 200	201.00000
Appearance (T104944)	Red to Brown-Red Powder	Red to Brown-Red Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Sensitiveness test	pass	Pass



John Su
QA & QC Manager