

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-18 16:01:00

Date of Next Testing: 2029-06-17 16:01:00

Product Name: **H-D-Thr-OH**

CAS Number: 632-20-2

Specifications & Purity: $\geq 99\%$

Lot #: F2511078

SKU #: **T100459**

Version: **0**

Analysis #: **182960**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=3 \text{ in H}_2\text{O})}$	27-29 (°)	28.15200°
Purity(Nonaqueous Titration)	98.5-101.5 (%)	99.82000 %
Purity(HPLC)	98-100 (%)	99.03200 %
Appearance (T100459)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in H ₂ O , Colorless, Clear, 50 mg/ml H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager