

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-10 16:10:54
 Date of Next Testing: 2030-01-09 16:10:54
 Product Name: **H-D-Thr-OH**
 CAS Number: 632-20-2
 Specifications & Purity: $\geq 99\%$
 Lot #: A2604561
 SKU #: **T100459**
 Version: **0**
 Analysis #: **627852**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=3 \text{ in H}_2\text{O})}$	27-29 (°)	28.07100°
Purity(Nonaqueous Titration)	98.5-101.5 (%)	98.56000%
Purity(HPLC)	98-100 (%)	99.64300%
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