

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-21 20:21:35

Date of Next Testing: 2027-02-20 20:21:35

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

CAS Number: 632-20-2

Specifications &amp; Purity: 99%

Lot #: B23171206

SKU #: **T100459****Analysis: 182960**

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> 20/D(c=3 in H <sub>2</sub> O)	27-29 (°)	28.15°
Purity(Nonaqueous Titration)	98.5-101.5 (%)	99.82 %
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 <sub>2</sub> O , Colorless, Clear, 50 mg/ml H <sub>2</sub> O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su  
QA & QC Manager