

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-21 15:43:06

Date of Next Testing: 2026-03-20 15:43:06

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

CAS Number: 632-20-2

Specifications &amp; Purity: 99%

Lot #: C2208112

SKU #: **T100459****Analysis: 025136**

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> <sup>20</sup> /D(c=3 in H <sub>2</sub> O)	27-29 (°)	27.88°
Purity(Nonaqueous Titration)	98.5-101.5 (%)	99.18 %
Purity(HPLC)	98-100 (%)	99.07400 %
Appearance (T100459)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless,Clear,50 mg/ml H <sub>2</sub> O	pass	Pass

John Su  
QA & QC Manager