

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-27 18:48:44

Date of Next Testing: 2029-05-26 18:48:44

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

CAS Number: 632-20-2

Specifications & Purity:  $\geq 99\%$

Lot #: E2522031

SKU #: **T100459**

Version: **0**

Analysis #: **356415**

Storage Temperature: Room temperature

| Parameter                                                                  | Limit Values                          | Result                                |
|----------------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Specific Rotation $[\alpha]_{20/D(c=3 \text{ in H}_2\text{O})}$            | 27-29 (°)                             | 28.30000°                             |
| Purity(Nonaqueous Titration)                                               | 98.5-101.5 (%)                        | 101.20000 %                           |
| Purity(HPLC)                                                               | 98-100 (%)                            | 99.37300 %                            |
| 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