

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-01-06 13:45:55  
Date of Next Testing: 2027-01-05 13:45:55  
Product Name: **N-Carbobenzoxy-D-threonine**  
CAS Number: 80384-27-6  
Specifications & Purity: 98%  
Lot #: E1527191  
SKU #: **C115981**  
**Analysis:** **175310**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	102-106 (°C)	102.80000 °C
Specific Rotation [α] <sub>20</sub> /D(c=2 in AcOH)	4-7 (°)	5.23°
Purity(HPLC)	98-100 (%)	98.02700%
Purity(Neutralization titration)	97.5-102.5 (%)	97.58%
Appearance (C115981)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager