

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-13 11:12:31  
Date of Next Testing: 2026-07-12 11:12:31  
Product Name: **D-Tryptophan benzyl ester**  
CAS Number: 141595-98-4  
Specifications & Purity: 98%  
Lot #: G2305598  
SKU #: **D472869**  
**Analysis: 238764**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.80 %
specific rotation [ $\alpha$ ]20/D(c=1% in ethanol)	-11~-9 (°)	-10.05300°
Appearance(D472869)	White to Faint orange Powder or Crystals or Chunks	White to Faint orange Powder or Crystals or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager