

Certificate of Analysis

Date of Testing: 2024-10-18 16:57:11

Date of Next Testing: 2026-10-18 16:57:11

Product Name: **D-Tryptophan Benzyl Ester Hydrochloride**

CAS Number: 22839-16-3

Specifications & Purity: $\geq 98\%(N)$

Lot #: E1528157

SKU #: **S135591**

Version **0**

Analysis #: **423178**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.47000 %
Nitrogen by Elemental Analysis	7.8-9 (%)	8.20 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-35--30 ($^{\circ}$)	-30.10 $^{\circ}$
Appearance (S135591)	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