

Certificate of Analysis

Date of Testing: 2023-08-07 10:48:06
Date of Next Testing: 2027-08-06 10:48:06
Product Name: **L-Tryptophan Ethyl Ester Hydrochloride**
CAS Number: 2899-28-7
Specifications & Purity: $\geq 95.0\%$
Lot #: G23181139
SKU #: **S161202**
Analysis: **244098**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	10-13 ($^{\circ}$)	10.67 $^{\circ}$
Purity(HPLC)	95-100 (%)	98.40700 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager