

Certificate of Analysis

Date of Testing: 2024-12-10 17:42:28
 Date of Next Testing: 2026-12-10 17:42:28
 Product Name: (S)-(+)-Pyrrolidine-3-carboxylic acid
 CAS Number: 72580-53-1
 Specifications & Purity: ≥98%
 Lot #: C2309685
 SKU #: S137345
 Version: 2
 Analysis #: 446925
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.70 %
Specific rotation $[\alpha]_{20/D(c=2, H_2O)}$	18-22 (°)	21.50°
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager