

Certificate of Analysis

Date of Testing: 2024-03-12 17:08:16

Date of Next Testing: 2028-03-11 17:08:16

Product Name: (S)-(+)-3-Aminopyrrolidine dihydrochloride

CAS Number: 116183-83-6

Specifications & Purity: 98%

Lot #: C2408594

SKU #: S115473

Analysis: 330300

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	98-100 (%)	98.10 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	+0.9- +1.3 (°)	1.03 °
Solubility in H ₂ O , very faint turbidity	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager