

Certificate of Analysis

Date of Testing: 2023-05-10 16:48:26
Date of Next Testing: 2027-05-09 16:48:26
Product Name: **(S)-(-)-3-(Boc-amino)pyrrolidine**
CAS Number: 122536-76-9
Specifications & Purity: 98%
Lot #: D23261091
SKU #: **S119046**
Analysis: **096938**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	98-100 (%)	98.60%
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	-22~-19 (°)	-21.54°
Purity(GC)	98-100 (%)	98.17%
Appearance (S119046)	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
Solubility in MeOH	almost transparency	almost transparency



John Su
QA & QC Manager