

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-06 16:43:17
Date of Next Testing: 2027-05-05 16:43:17
Product Name: (S)-(-)-3-(Boc-amino)pyrrolidine
CAS Number: 122536-76-9
Specifications & Purity: 98%
Lot #: D23261095
SKU #: S119046
Analysis: 016911
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	98-100 (%)	98.15 %
Purity(GC)	98-100 (%)	98.82 %
Specific Rotation [a] ₂₀ /D(c=1 in EtOH)	-22~-19 (°)	-19.99°
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