

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-18 09:27:17
 Date of Next Testing: 2026-06-17 09:27:17
 Product Name: (3S)-(-)-3-(Dimethylamino)pyrrolidine
 CAS Number: 132883-44-4
 Specifications & Purity: ≥97%(GC)
 Lot #: F2213455
 SKU #: D124657
 Version: 0
 Analysis #: 092023
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.461-1.467	1.46470
Density (20°C)	0.904-0.907	0.90600
Purity(GC)	97-100 (%)	98.60000 %
Specific Rotation [α] ₂₀ /D(c=10 in EtOH)	-16--13 (°)	-13.18600 °
Appearance (D124657)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager