

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-08 10:12:56
 Date of Next Testing: 2027-10-07 10:12:56
 Product Name: (3S)-(-)-3-(Methylamino)pyrrolidine
 CAS Number: 139015-32-0
 Specifications & Purity: ≥97%
 Lot #: I2325058
 SKU # M124586
 Version 1
 Analysis #: 270294
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Density (20°C)	0.941-0.946	0.94400
Refractive index n ₂₀ /D	1.474-1.477	1.47620
Purity(Nonaqueous Titration)	96.5-103.5 (%)	99.69000 %
Purity(GC)	97-100 (%)	99.72300 %
Specific Rotation [α] ₂₀ /D(c=10 in EtOH)	-22--17 (°)	-19.08300 °
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager