

Certificate of Analysis

Date of Testing: 2023-10-08 09:45:22

Date of Next Testing: 2027-10-07 09:45:22

Product Name: (3S)-(-)-3-(Methylamino)pyrrolidine

CAS Number: 139015-32-0

Specifications & Purity: 97%

Lot #: I2325059

SKU #: M124586

Analysis: 270294

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Density (20°C)	0.941-0.946	0.94
Refractive index n ₂₀ /D	1.474-1.477	1.48
Purity(Nonaqueous Titration)	96.5-103.5 (%)	99.69 %
Purity(GC)	97-100 (%)	99.72 %
Specific Rotation [α] ₂₀ /D(c=10 in EtOH)	-22--17 (°)	-19.08 °
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager