

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-14 11:03:14

Date of Next Testing: 2029-02-13 11:03:14

Product Name: (S)-(+)-1-Methyl-3-pyrrolidinol

CAS Number: 104641-59-0

Specifications & Purity: ≥98%

Lot #: E1320070

SKU #: M121670

Version: 1

Analysis #: 470494

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.463-1.467	1.46400
Specific Rotation [α] ₂₀ /D(c=1 in CHCL ₃)	4-8 (°)	6.31050 °
Purity(Nonaqueous Titration)	98-100 (%)	99.20800 %
Purity(GC)	98-100 (%)	99.02060 %
Density (20°C)	0.981-0.986	0.98200
Appearance (M121670)	colorless to yellow to brown liquid	colorless to yellow to brown liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager