

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-14 16:16:43
Date of Next Testing: 2026-12-13 16:16:43
Product Name: **(R)-(-)-1-Methyl-3-pyrrolidinol**
CAS Number: 104641-60-3
Specifications & Purity: 98%
Lot #: J2220065
SKU #: **M119144**
Analysis: 122872
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	97-100 (%)	98.80%
Purity(GC)	98-100 (%)	99.95%
Density (20°C)	0.981-0.986	0.98
Specific Rotation [α] ₂₀ /D(c=1 in CHCL ₃)	-8--5 (°)	-7.14°
Refractive index n ₂₀ /D	1.463-1.467	1.46
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (M119144)	Colorless to yellow brown liquid	Colorless to yellow brown liquid



John Su
QA & QC Manager