

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-07-31 15:10:43
 Date of Next Testing: 2029-07-30 15:10:43
 Product Name: (R)-4-(Pyrrolidin-3-yl)morpholine
 CAS Number: 511295-94-6
 Specifications & Purity: $\geq 97\%$
 Lot #: J2318201
 SKU #: R589315
 Version: 2
 Analysis #: 748784
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Enantiomeric Excess	99-100 (%)	99.21530 %
Purity(GC)	97-100 (%)	97.01000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager