

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-20 15:27:11

Date of Next Testing: 2026-06-19 15:27:11

Product Name: **(S)-2-Methylmorpholine hydrochloride**

CAS Number: 1147108-99-3

Specifications & Purity: $\geq 97\%$

Lot #: F2313870

SKU #: **S172145**

Version: **1**

Analysis #: **223839**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Enantiomeric Excess	99-100 (%)	99.53000 %
Purity(Titration by AgNO ₃)	96.5-103.5 (%)	100.89000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager