

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-06 16:42:42
Date of Next Testing: 2026-06-05 16:42:42
Product Name: **cis-3,5-dimethylmorpholine hydrochloride**
CAS Number: 154596-17-5
Specifications & Purity: 97%
Lot #: E2330481
SKU #: **C174523**
Analysis: **216214**
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(NMR)	97-100 (%)	99.23 %
Purity(Titration by AgNO ₃)	96.5-102.5 (%)	102.23 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(C174523)	White to off-white solid	White to off-white solid



John Su
QA & QC Manager