

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-21 16:49:36

Date of Next Testing: 2029-03-20 16:49:36

Product Name: **4-(3-Chloropropyl)morpholine**

CAS Number: 7357-67-7

Specifications & Purity: $\geq 95\%$

Lot #: C2513362

SKU #: **C494550**

Version: **1**

Analysis #: **195586**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	98.84400 %
Refractive index n ₂₀ /D	1.4705-1.4765	1.47390
Appearance(C494550)	Colorless to Light yellow clear liquid	Colorless to Light yellow clear liquid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager