

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-16 14:22:18

Date of Next Testing: 2026-06-15 14:22:18

Product Name: **(3R)-3-methylmorpholine**

CAS Number: 74572-04-6

Specifications & Purity:  $\geq 97\%$

Lot #: F2309397

SKU #: **R177343**

Version: **1**

**Analysis #:** **217431**

Storage Temperature: Room temperature

| Parameter           | Limit Values          | Result                |
|---------------------|-----------------------|-----------------------|
| Purity(HPLC area)   | 97-100 (%)            | 99.54900 %            |
| Enantiomeric Excess | 99-100 (%)            | 99.10000 %            |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |

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

John Su  
QA & QC Manager