

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-11 11:21:03
 Date of Next Testing: 2027-05-10 11:21:03
 Product Name: **4-Methylmorpholine N-oxide monohydrate**
 CAS Number: 70187-32-5
 Specifications & Purity: $\geq 95\%$
 Lot #: D2324881
 SKU #: **M493173**
 Version: **1**
 Analysis #: **221989**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Loss on drying	10-16 (%)	13.91200 %
Purity(HPLC area)	95-100 (%)	99.12100 %
Melting point	71-75 (°C)	74.89000 °C
Appearance(M493173)	White to cream Powder or crystals	White to cream Powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager