

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-10 09:39:56

Date of Next Testing: 2027-03-09 09:39:56

Product Name: **4-Methylmorpholine N-oxide monohydrate**

CAS Number: 70187-32-5

Specifications & Purity: $\geq 98\%$

Lot #: E1924109

SKU #: **M123105**

Version: **2**

Analysis #: **196838**

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

Parameter	Limit Values	Result
Loss on drying	10-16 (%)	12.60000 %
Purity	98-100 (%)	98.13600 %
Melting point	71-75 (°C)	72.70000 °C
Appearance (M123105)	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