

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-14 13:31:20
 Date of Next Testing: 2029-10-13 13:31:20
 Product Name: **4-Methylmorpholine N-oxide monohydrate**
 CAS Number: 70187-32-5
 Specifications & Purity: $\geq 95\%$
 Lot #: J2509797
 SKU #: **M493173**
 Version: **1**
 Analysis #: **591186**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Loss on drying	10-16 (%)	12.17000 %
Purity(HPLC area)	95-100 (%)	99.89200 %
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