

## Certificate of Analysis

Date of Testing: 2024-11-05 10:08:55  
Date of Next Testing: 2027-11-05 10:08:55  
Product Name: **4-Methylmorpholine N-oxide**  
CAS Number: 7529-22-8  
Specifications & Purity:  $\geq 97\%$   
Lot #: K2401573  
SKU #: **M433594**  
Version: **1**  
Analysis #: **419388**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	96.5-103.5 (%)	97.97%
Appearance(M433594)	White to Light yellow to Light orange powder to crystal	White to Light yellow to Light orange powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager