

Certificate of Analysis

Date of Testing: 2023-07-08 16:30:38
Date of Next Testing: 2025-06-27 16:30:38
Product Name: **4-Methylmorpholine N-oxide**
CAS Number: 7529-22-8
Specifications & Purity: 50 wt. % in H₂O
Lot #: G2304608
SKU #: **M105979**
Analysis: **224285**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Density (20°C)	1.11-1.13	1.12
Refractive index n ₂₀ /D	1.411-1.431	1.42
Purity(Nonaqueous Titration)	50-55 (%)	50.19%
Appearance (M105979)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager