

Certificate of Analysis

Date of Testing: 2023-01-17 11:41:39
Date of Next Testing: 2027-01-16 11:41:39
Product Name: **MOPS**
CAS Number: 1132-61-2
Specifications & Purity: $\geq 99.5\%$ (T)
Lot #: A2305416
SKU #: **M105135**
Analysis: **161920**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.21 %
UV Absorbance 290nm(33%,H2O)	0-0.05	0.01
Purity (Titration by NaOH)	99.5-100.5 (%)	100.49 %
Heavy metal (as Pb)	0-5 (ppm)	2.00 ppm
Appearance (M105135)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless and clear(500mg/ml)	pass	Pass



John Su
QA & QC Manager