

Certificate of Analysis

Date of Testing: 2024-04-11 10:28:15
Date of Next Testing: 2028-04-10 10:28:15
Product Name: **MOPS**
CAS Number: 1132-61-2
Specifications & Purity: $\geq 99.5\%$ (T)
Lot #: D2402348
SKU #: **M105135**
Analysis: **331411**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.01 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
UV Absorbance 290nm(33%,H ₂ O)	0-0.05	0.05
Purity (Titration by NaOH)	99.5-100.5 (%)	100.49 %
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