

Certificate of Analysis

Date of Testing: 2023-11-22 11:31:33
Date of Next Testing: 2027-11-21 11:31:33
Product Name: **MOPS**
CAS Number: 1132-61-2
Specifications & Purity: $\geq 99.0\%$ (T)
Lot #: K2316064
SKU #: **M105133**
Analysis: **297851**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Purity (Titration by NaOH)	98.5-101.5 (%)	100.39 %
UV Absorbance 290nm(33%,H ₂ O)	0-0.05	0.04
Water by Karl Fischer	0-1 (%)	0.17 %
Appearance (M105133)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless and clear(500mg/ml)	pass	Pass



John Su
QA & QC Manager