

Certificate of Analysis

Date of Testing: 2023-02-07 11:37:39
Date of Next Testing: 2027-02-06 11:37:39
Product Name: **MOPS**
CAS Number: 1132-61-2
Specifications & Purity: $\geq 99.5\%$ (T)
Lot #: B2301257
SKU #: **M105135**
Analysis: **113688**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
UV Absorbance 290nm(33%,H ₂ O)	0-0.05	0.04
Purity (Titration by NaOH)	99.5-100.5 (%)	100.39 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Water by Karl Fischer	0-1 (%)	0.17 %
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