

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-12 10:25:56
Date of Next Testing: 2028-10-11 10:25:56
Product Name: **MOPS**
CAS Number: 1132-61-2
Specifications & Purity: $\geq 99.5\%$ (T)
Lot #: A2104161
SKU #: **M105135**
Version: **0**
Analysis #: **418117**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.14000 %
UV Absorbance 290nm(33%,H2O)	0-0.05	0.04900
Purity (Titration by NaOH)	99.5-100.5 (%)	99.50000 %
Heavy metal (as Pb)	0-5 (ppm)	2.10000 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 H2O , Colorless and clear(500mg/ml)	pass	Pass



John Su
QA & QC Manager