

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-17 16:40:20

Date of Next Testing: 2028-10-16 16:40:20

Product Name: **MOPS**

CAS Number: 1132-61-2

Specifications & Purity: $\geq 99.5\%$ (T)

Lot #: J2416574

SKU #: **M105135**

Version: **0**

Analysis #: **417181**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.23060 %
UV Absorbance 290nm(33%,H ₂ O)	0-0.05	0.02400
Purity (Titration by NaOH)	99.5-100.5 (%)	99.59000 %
Heavy metal (as Pb)	0-5 (ppm)	2.00000 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