

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-02-26 12:47:45  
Date of Next Testing: 2026-02-25 12:47:45  
Product Name: **MOPS**  
CAS Number: 1132-61-2  
Specifications & Purity:  $\geq 99.0\%$  (T)  
Lot #: B2223461  
SKU #: **M105133**  
**Analysis:** **078104**  
Storage Temperature: Room temperature

| Parameter  | Limit Values             | Result                   |
|--|--------------------------|--------------------------|
| Heavy metal (as Pb)  | 0-5 (ppm)                | 2.00 ppm                 |
| Purity (Titration by NaOH)                                     | 98.5-101.5 (%)           | 99.50 %                  |
| UV Absorbance 290nm(33%,H <sub>2</sub> O)                      | 0-0.05                   | 0.03                     |
| Water by Karl Fischer  | 0-0.1 (%)                | 0.02 %                   |
| Appearance (M105133)   | White Powder or Crystals | White Powder or Crystals |
| Infrared spectrum  | Conforms to Structure    | Conforms to Structure    |
| Solubility in H <sub>2</sub> O , Colorless and clear(500mg/ml) | pass                     | Pass                     |



John Su  
QA & QC Manager