

Certificate of Analysis

Date of Testing: 2022-02-26 13:01:01
Date of Next Testing: 2026-02-25 13:01:01
Product Name: **MOPS**
CAS Number: 1132-61-2
Specifications & Purity: $\geq 99.5\%$ (T)
Lot #: B2223507
SKU #: **M105135**
Analysis: **067536**
Storage Temperature: Room temperature

| Parameter | Limit Values | Result |
|---|--------------------------|--------------------------|
| Water by Karl Fischer | 0-1 (%) | 0.20 % |
| UV Absorbance 290nm(33%,H2O) | 0-0.05 | 0.03 |
| Purity (Titration by NaOH) | 99.5-100.5 (%) | 99.61 % |
| Heavy metal (as Pb) | 0-5 (ppm) | 2.00 ppm |
| Appearance (M105135) | White Powder or Crystals | White Powder or Crystals |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in H2O , Colorless and clear(500mg/ml) | pass | Pass |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



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