

Certificate of Analysis

Date of Testing: 2024-01-17 13:33:36
Date of Next Testing: 2028-01-16 13:33:36
Product Name: **MOPS**
CAS Number: 1132-61-2
Specifications & Purity: $\geq 99.0\%$ (T)
Lot #: A2415419
SKU #: **M105133**
Analysis: **315255**
Storage Temperature: Room temperature

| Parameter | Limit Values | Result |
|--|--------------------------|--------------------------|
| Heavy metal (as Pb) | 0-5 (ppm) | 0.00 ppm |
| Purity (Titration by NaOH) | 98.5-101.5 (%) | 100.34 % |
| UV Absorbance 290nm(33%,H ₂ O) | 0-0.05 | 0.04 |
| Water by Karl Fischer | 0-1 (%) | 0.29 % |
| Appearance (M105133) | White Powder or Crystals | White Powder or Crystals |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in H ₂ O , Colorless and clear(500mg/ml) | pass | Pass |



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