

## Certificate of Analysis

Date of Testing: 2024-04-11 11:38:21  
Date of Next Testing: 2028-04-10 11:38:21  
Product Name: **MOPS**  
CAS Number: 1132-61-2  
Specifications & Purity:  $\geq 99.0\%$  (T)  
Lot #: D2402349  
SKU #: **M105133**  
**Analysis:** **344431**  
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 (%)	100.49 %
UV Absorbance 290nm(33%,H <sub>2</sub> O)	0-0.05	0.05
Water by Karl Fischer	0-1 (%)	0.01 %
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



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