

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-17 16:22:09  
Date of Next Testing: 2028-03-16 16:22:09  
Product Name: **MOPS sodium salt**  
CAS Number: 71119-22-7  
Specifications & Purity: anhydrous, ≥99.5%  
Lot #: C2507552  
SKU #: **M433369**  
Version: **2**  
Analysis #: **428808**  
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.5 (%)	0.42 %
ICP-MS(Ag, As, Bi, Cd, Cu, Hg, Mo, Pb, Sb, Sn)	0-5 (ppm)	0.02910 ppm
Purity (Titration by H <sub>2</sub> SO <sub>4</sub> ) (anhydrous)	99.5-100.5 (%)	100.10 %
A280(0.1M,H <sub>2</sub> O)	0-0.03	0.01
A260(0.1M,H <sub>2</sub> O)	0-0.05	0.02
Appearance(M433369)	White Powder	White powder
Solubility(33% in H <sub>2</sub> O),Colorless Clear	Pass	Pass



John Su  
QA & QC Manager