

## Certificate of Analysis

Date of Testing: 2023-01-14 14:18:59  
Date of Next Testing: 2027-01-13 14:18:59  
Product Name: **MOPS sodium salt**  
CAS Number: 71119-22-7  
Specifications & Purity: 99.5%(T)  
Lot #: A2309740  
SKU #: **M100335**  
**Analysis:** **158862**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
A260(1M,H2O)	0-0.1	0.04
A280(1M,H2O)	0-0.1	0.03
Water by Karl Fischer	0-5 (%)	0.40 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Purity (Titration by H2SO4) (anhydrous)	99.5-100.5 (%)	99.72 %
Appearance (M100335)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , Colorless,Clear,33% W/W	pass	Pass



John Su  
QA & QC Manager