

## Certificate of Analysis

Date of Testing: 2024-05-27 16:04:25  
Date of Next Testing: 2028-05-26 16:04:25  
Product Name: **MES**  
CAS Number: 4432-31-9  
Specifications & Purity: 99%  
Lot #: E2421425  
SKU #: **M163014**  
Version: **0**  
Analysis #: **362156**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity (Titration by NaOH)	99-101 (%)	99.99%
PH(25 °C, 1% in Water)	3-4.2	3.69
Water by Karl Fischer	0-9 (%)	1.03%
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , colorless and clear (0.1M)	pass	Pass



John Su  
QA & QC Manager