

Certificate of Analysis

Date of Testing: 2023-02-17 14:12:56
Date of Next Testing: 2027-02-16 14:12:56
Product Name: **MES**
CAS Number: 4432-31-9
Specifications & Purity: 99%
Lot #: B2310901
SKU #: **M163014**
Analysis: **188921**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity (Titration by NaOH)	99-101 (%)	99.51%
PH(25 °C,1% in Water)	3-4.2	3.70
Water by Karl Fischer	0-9 (%)	0.73%
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , colorless and clear (0.1M)	pass	Pass



John Su
QA & QC Manager