

Certificate of Analysis

Date of Testing: 2023-04-09 20:09:31
Date of Next Testing: 2027-04-08 20:09:31
Product Name: **MES**
CAS Number: 4432-31-9
Specifications & Purity: 99%
Lot #: D23031173
SKU #: **M163014**
Analysis: **209445**
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