

Certificate of Analysis

Date of Testing: 2024-05-27 16:20:15
Date of Next Testing: 2028-05-26 16:20:15
Product Name: **MES**
CAS Number: 4432-31-9
Specifications & Purity: $\geq 99.5\%$ (T)
Lot #: E2421427
SKU #: **M163013**
Version: **0**
Analysis #: **356549**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
PH(25 °C,1% in Water)	3-4.2	3.69
Water by Karl Fischer	0-9 (%)	1.03 %
Purity (Titration by NaOH)	99.5-100.5 (%)	99.99 %
Appearance (M163013Form)	Crystalline Powder or chunks	Crystalline Powder or chunks
Appearance (M163013Color)	White	White
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , colorless and clear (0.1M)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager