

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-09 09:32:13
Date of Next Testing: 2028-09-08 09:32:13
Product Name: **MES**
CAS Number: 4432-31-9
Specifications & Purity: $\geq 99.5\%$ (T)
Lot #: I2406283
SKU #: **M163013**
Version: **0**
Analysis #: **404048**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
PH(25 °C,1% in Water)	3-4.2	3.74
Purity (Titration by NaOH)	99.5-100.5 (%)	99.90%
Water by Karl Fischer	0-9 (%)	0.23%
Appearance (M163013Form)	Crystalline Powder or chunks	Crystalline Powder or chunks
Appearance (M163013Color)	White	White
Solubility in H ₂ O , colorless and clear (0.1M)	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager