

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-17 12:38:03

Date of Next Testing: 2027-02-16 12:38:03

Product Name: **MES**

CAS Number: 4432-31-9

Specifications &amp; Purity: 99%

Lot #: B2310743

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 <sub>2</sub> O , colorless and clear (0.1M)	pass	Pass

John Su  
QA & QC Manager