

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-16 15:18:01

Date of Next Testing: 2029-06-15 15:18:01

Product Name: **MES**

CAS Number: 4432-31-9

Specifications & Purity:  $\geq 99.5\%$ (T)

Lot #: F2511441

SKU #: **M163013**

Version: **0**

Analysis #: **499996**

Storage Temperature: Room temperature

| Parameter                                                   | Limit Values                 | Result                       |
|-------------------------------------------------------------|------------------------------|------------------------------|
| PH(25 °C,1% in Water)                                       | 3-4.2                        | 3.94000                      |
| Purity (Titration by NaOH)                                  | 99.5-100.5 (%)               | 100.22000 %                  |
| Water by Karl Fischer                                       | 0-9 (%)                      | 0.39630 %                    |
| 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 <sub>2</sub> O , colorless and clear (0.1M) | pass                         | Pass                         |
| Infrared spectrum                                           | Conforms to Structure        | Conforms to Structure        |



John Su  
QA & QC Manager