

## Certificate of Analysis

Date of Testing: 2025-04-17 11:01:16

Date of Next Testing: 2029-04-16 11:01:16

Product Name: **MES**

CAS Number: 4432-31-9

Specifications & Purity:  $\geq 99\%$

Lot #: D2515382

SKU #: **M163014**

Version: **0**

Analysis #: **498861**

Storage Temperature: Room temperature

| Parameter                                                   | Limit Values          | Result                |
|-------------------------------------------------------------|-----------------------|-----------------------|
| Purity (Titration by NaOH)                                  | 99-101 (%)            | 99.88 %               |
| PH(25 °C, 1% in Water)                                      | 3-4.2                 | 3.70                  |
| Water by Karl Fischer                                       | 0-9 (%)               | 0.00 %                |
| 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                  |



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