

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-05 11:03:37

Date of Next Testing: 2029-12-04 11:03:37

Product Name: **MOPS sodium salt**

CAS Number: 71119-22-7

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

Lot #: L2504565

SKU #: **M100335**

Version: **3**

Analysis #: **563230**

Storage Temperature: Room temperature

| Parameter                                                         | Limit Values          | Result                |
|-------------------------------------------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer                                             | 0-5 (%)               | 2.00320 %             |
| Heavy metal (as Pb)                                               | 0-5 (ppm)             | 0.00000 ppm           |
| Purity (Titration by H <sub>2</sub> SO <sub>4</sub> ) (anhydrous) | 99.5-100.5 (%)        | 100.49000 %           |
| A280(0.1M,H <sub>2</sub> O)                                       | 0-0.03                | 0.00800               |
| A260(0.1M,H <sub>2</sub> O)                                       | 0-0.05                | 0.01200               |
| Appearance (M100335)                                              | white powder          | White powder          |
| Proton NMR spectrum                                               | Conforms to Structure | Conforms to Structure |
| Solubility in H <sub>2</sub> O , Colorless,Clear,33% W/W          | pass                  | Pass                  |



John Su  
QA & QC Manager