

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-07 15:03:00

Date of Next Testing: 2029-05-06 15:03:00

Product Name: **MOPS sodium salt**

CAS Number: 71119-22-7

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

Lot #: D2530197

SKU #: **M100335**

Version: **3**

Analysis #: **502746**

Storage Temperature: Room temperature

| Parameter                                   | Limit Values          | Result                |
|---------------------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer                       | 0-5 (%)               | 0.74120 %             |
| Heavy metal (as Pb)                         | 0-5 (ppm)             | 0.00000 ppm           |
| A280(0.1M,H2O)                              | 0-0.03                | 0.00500               |
| A260(0.1M,H2O)                              | 0-0.05                | 0.00800               |
| Purity (Titration by H2SO4) (anhydrous)     | 99.5-100.5 (%)        | 100.48000 %           |
| Appearance (M100335)                        | white powder          | White powder          |
| Proton NMR spectrum                         | Conforms to Structure | Conforms to Structure |
| Solubility in H2O , Colorless,Clear,33% W/W | pass                  | Pass                  |



John Su  
QA & QC Manager