

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-19 10:00:29
Date of Next Testing: 2027-06-19 10:00:29
Product Name: **γ -(N-Morpholino)propanesulfonic acid (MOPS)**
CAS Number: 1132-61-2
Specifications & Purity: ultrapure
Lot #: I2101352
SKU #: M274252
Version: 1
Analysis #: 371637
Storage Temperature: Room temperature

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| UV Absorbance 260nm(0.1 M in H ₂ O) | 0-0.05 | 0.00100 |
| UV Absorbance 280nm(0.1 M in H ₂ O) | 0-0.05 | 0.00 |
| pKa (25 °C) | 7 - 7.4 | 7.00 |
| Purity (Titration by NaOH) | 99-100 (%) | 99.90 % |
| DNases | none detected | none detected |
| RNases | none detected | none detected |
| proteases | none detected | none detected |
| Proton NMR spectrum | Conforms to structure | Conforms to Structure |



John Su
QA & QC Manager