

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-16 14:34:41
Date of Next Testing: 2027-01-15 14:34:41
Product Name: **MES hemisodium salt**
CAS Number: 117961-21-4
Specifications & Purity: $\geq 98\%$
Lot #: A2305491
SKU #: **M113010**
Analysis: **166043**
Storage Temperature: Room temperature

| Parameter | Limit Values | Result |
|---|--------------------------|--------------------------|
| Water by Karl Fischer | 0-8 (%) | 4.20 % |
| Heavy metal (as Pb) | 0-5 (ppm) | 2.21 ppm |
| UV Absorbance 290nm(33%,H ₂ O) | 0-0.1 | 0.05 |
| Purity (Titration by H ₂ SO ₄) (anhydrous) | 98-100 (%) | 99.83 % |
| Appearance (M113010) | white crystalline powder | white crystalline powder |
| Solubility in H ₂ O , Colorless and clear(500mg/ml) | pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager