

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-16 14:58:07
 Date of Next Testing: 2027-08-15 14:58:07
 Product Name: **Sodium oleate**
 CAS Number: 143-19-1
 Specifications & Purity: >97.0%(T)
 Lot #: H2312358
 SKU #: **S104196**
Analysis: **293010**
 Storage Temperature: Protected from light,Store at -20°C,Argon charged,Desiccated

| Parameter | Limit Values | Result |
|--|---|---|
| Purity(NonaqueousTitration)(calcd.onanh.substance) | 97-103 (%) | 98.20% |
| Loss on drying | 0-3 (%) | 1.62% |
| Fatty Acid Composition(As Oleic Acid) (GC-MS) | 85-100 (%) | 93.90300% |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Appearance(S104196) | White to Light yellow powder to crystal | White to Light yellow powder to crystal |
| Solubility in MeOH,Colorless to yellow Clear to Very Slightly Hazy(50 mg/ml) | Pass | Pass |



John Su
QA & QC Manager