

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-29 09:22:31

Date of Next Testing: 2029-07-28 09:22:31

Product Name: **Sodium oleate**

CAS Number: 143-19-1

Specifications & Purity: Moligand™, ≥97%(T)

Lot #: G2524038

SKU #: **S104196**

Version: **3**

Analysis #: **379924**

Storage Temperature: Protected from light,Store at -20°C,Argon charged,Desiccated

| Parameter                                                                    | Limit Values                            | Result                                  |
|------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|
| Purity(Nonaqueous Titration)(calcd.onanh.substance)                          | 97-103 (%)                              | 97.91000 %                              |
| Loss on drying                                                               | 0-3 (%)                                 | 0.00000 %                               |
| Fatty Acid Composition(As Oleic Acid) (GC-MS)                                | 85-100 (%)                              | 91.39800 %                              |
| 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