

Certificate of Analysis

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| Date of Testing: | 2025-05-19 13:03:52 |
| Date of Next Testing: | 2029-05-18 13:03:52 |
| Product Name: | Sodium oleate |
| CAS Number: | 143-19-1 |
| Specifications & Purity: | Moligand™, ≥97%(T) |
| Lot #: | E2509403 |
| SKU # | S104196 |
| Version | 3 |
| Analysis #: | 369470 |
| Storage Temperature: | Protected from light,Store at -20°C,Argon charged,Desiccated |

| Parameter | Limit Values | Result |
|--|---|---|
| Fatty Acid Composition(As Oleic Acid) (GC-MS) | 85-100 (%) | 85.02000 % |
| Loss on drying | 0-3 (%) | 2.98 % |
| Purity(Nonaqueous Titration)(calcd.onanh.substance) | 97-103 (%) | 99.00 % |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Appearance(S104196) | White to Light yellow powder to crystal | White to Light yellow powder to crystal |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in MeOH,Colorless to yellow Clear to Very Slightly Hazy(50 mg/ml) | Pass | Pass |



John Su
QA & QC Manager