

Certificate of Analysis

Date of Testing: 2022-02-18 10:00:46
Date of Next Testing: 2024-02-08 10:00:46
Product Name: **10-Undecenoic acid**
CAS Number: 112-38-9
Specifications & Purity: 98%
Lot #: E1808156
SKU #: **U106484**
Analysis: **065757**

| Parameter | Limit Values | Result |
|----------------------------------|---------------------------------|---------------------------------|
| Crystallization point | 23-25 (°C) | 24.00 °C |
| Purity(Neutralization titration) | 97.5-102.5 (%) | 100.50 % |
| Purity(GC) | 98-100 (%) | 98.73 % |
| Appearance (U106484) | white solid or colorless liquid | white solid or colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager