

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-12 16:15:38

Date of Next Testing: 2028-03-11 16:15:38

Product Name: **Elaidic acid**

CAS Number: 112-79-8

Specifications & Purity:  $\geq 98\%$

Lot #: E2025029

SKU #: **E101312**

Version: **0**

Analysis #: **329442**

Storage Temperature: Store at -20°C, Argon charged

| Parameter                                                  | Limit Values              | Result                    |
|------------------------------------------------------------|---------------------------|---------------------------|
| Purity(GC)                                                 | 98-100 (%)                | 98.76400 %                |
| Melting point                                              | 43-47 (°C)                | 45.17000 °C               |
| Appearance (E101312)                                       | Colorless or White Powder | Colorless or White Powder |
| Infrared spectrum                                          | Conforms to Structure     | Conforms to Structure     |
| Proton NMR spectrum                                        | Conforms to Structure     | Conforms to Structure     |
| Solubility in CHCL <sub>3</sub> , Colorless Clear 50 mg/ml | pass                      | Pass                      |



John Su  
QA & QC Manager