

## Certificate of Analysis

Date of Testing: 2024-04-08 15:51:14

Date of Next Testing: 2026-03-29 15:51:14

Product Name: **Elaidic acid**

CAS Number: 112-79-8

Specifications & Purity: analytical standard, ≥99%(GC)

Lot #: G2201276

SKU #: **E101311**

Version: **1**

Analysis #: **340322**

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

| Parameter                                      | Limit Values                         | Result                                |
|------------------------------------------------|--------------------------------------|---------------------------------------|
| Melting point                                  | 43-47 (°C)                           | 45.04000 °C                           |
| Purity(GC)                                     | 99-100 (%)                           | 99.18 %                               |
| Appearance (E101311)                           | Colorless or White Powder or crystal | Colorless or White Powder or Crystals |
| Infrared spectrum                              | Conforms to Structure                | Conforms to Structure                 |
| Proton NMR spectrum                            | Conforms to Structure                | Conforms to Structure                 |
| Solubility in CHCL3 , Colorless Clear 50 mg/ml | pass                                 | Pass                                  |



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