

## Certificate of Analysis

Date of Testing: 2025-03-03 16:49:17

Date of Next Testing: 2029-03-02 16:49:17

Product Name: **Lauric acid**

CAS Number: 143-07-7

Specifications & Purity: GR, ≥99%

Lot #: B2528584

SKU #: **L110736**

Version **0**

Analysis #: **471392**

| Parameter                                                     | Limit Values                                             | Result                                                   |
|---------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| Melting point                                                 | 43-46 (°C)                                               | 44.94000 °C                                              |
| Purity (Titration by NaOH)                                    | 99-101 (%)                                               | 100.00 %                                                 |
| Purity(GC)                                                    | 99-100 (%)                                               | 99.58 %                                                  |
| Appearance (L110736)                                          | Colorless or White Powder or Crystals or Flakes or Solid | Colorless or White Powder or Crystals or Flakes or Solid |
| Infrared spectrum                                             | Conforms to Structure                                    | Conforms to Structure                                    |
| Solubility in CHCL <sub>3</sub> , Colorless, Clear, 100 mg/mL | pass                                                     | Pass                                                     |



John Su  
QA & QC Manager