

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-14 15:23:42

Date of Next Testing: 2027-02-13 15:23:42

Product Name: **Tridecanoic acid**

CAS Number: 638-53-9

Specifications & Purity:  $\geq 98\%$ (GC)

Lot #: B2301132

SKU #: **T137742**

Version: **0**

Analysis #: **185344**

Storage Temperature: Store at -20°C

| Parameter                        | Limit Values                                       | Result                                             |
|----------------------------------|----------------------------------------------------|----------------------------------------------------|
| Purity(Neutralization titration) | 98-100 (%)                                         | 98.90 %                                            |
| Purity(GC)                       | 98-100 (%)                                         | 98.01 %                                            |
| Melting point                    | 40-43 (°C)                                         | 42.89000 °C                                        |
| Appearance (T137742)             | white to pale yellow Powder, Crystals and/or Chunk | white to pale yellow Powder, Crystals and/or Chunk |
| Proton NMR spectrum              | Conforms to Structure                              | Conforms to Structure                              |
| Solubility in MeOH               | almost transparency                                | almost transparency                                |
| Infrared spectrum                | Conforms to Structure                              | Conforms to Structure                              |



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QA & QC Manager