

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-02 20:02:43

Date of Next Testing: 2027-03-01 20:02:43

Product Name: **Tridecanoic acid**

CAS Number: 638-53-9

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

Lot #: B2328791

SKU #: **T137742**

Version: **0**

Analysis #: **185344**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(Neutralization titration)	98-100 (%)	98.90000 %
Purity(GC)	98-100 (%)	98.01000 %
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



John Su
QA & QC Manager