

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-18 14:19:49

Date of Next Testing: 2029-10-17 14:19:49

Product Name: **Decanoic acid**

CAS Number: 334-48-5

Specifications & Purity: AR, ≥99%

Lot #: J2514208

SKU #: **D109191**

Version: **0**

Analysis #: **583553**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Acid Value	323-328 (mg/g)	325.68600 mg/g
Purity (Titration by NaOH)	98.5-101.5 (%)	99.99000 %
Purity(GC)	99-100 (%)	99.15700 %
Melting point	30-32 (°C)	30.50000 °C
Appearance (D109191)	white solid or colorless liquid	white solid or colorless liquid
Solubility in EtOH(95vol%)	almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager