

Certificate of Analysis

Date of Testing: 2025-06-10 10:31:20

Date of Next Testing: 2029-06-09 10:31:20

Product Name: **Decanoic acid**

CAS Number: 334-48-5

Specifications & Purity: AR, ≥99%

Lot #: I2110188

SKU # **D109191**

Version **0**

Analysis #: **522382**

Parameter	Limit Values	Result
Melting point	30-32 (°C)	30.01000 °C
Acid Value	323-328 (mg/g)	325.00 mg/g
Purity (Titration by NaOH)	98.5-101.5 (%)	100.55 %
Purity(GC)	99-100 (%)	99.34 %
Appearance (D109191)	white solid or colorless liquid	white solid or colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH(95vol%)	almost transparency	almost transparency



John Su
QA & QC Manager