

Certificate of Analysis

Date of Testing: 2023-08-11 14:01:18

Date of Next Testing: 2027-08-10 14:01:18

Product Name: **Decanoic acid**

CAS Number: 334-48-5

Specifications & Purity: AR, ≥99%

Lot #: H2305282

SKU #: **D109191**

Version: **0**

Analysis #: **255494**

Parameter	Limit Values	Result
Acid Value	323-328 (mg/g)	325.20 mg/g
Purity (Titration by NaOH)	98.5-101.5 (%)	100.66 %
Purity(GC)	99-100 (%)	99.26 %
Melting point	30-32 (°C)	31.01000 °C
Solubility in EtOH(95vol%)	almost transparency	almost transparency
Appearance (D109191)	white solid or colorless liquid	white solid or colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager