



Certificate of Analysis

Oleic Acid

Catalog Number: OA1002
Lot Number: Typical- 759
CAS Number: 112-80-1
Molecular Formula: $\text{CH}_3(\text{CH}_2)_7\text{CH}=\text{CH}(\text{CH}_2)_7\text{COOH}$
Molecular Weight: 282.46
Storage: 15°C – 30°C
Date of Manufacture: November 19, 2018
Retest Date: November 18, 2020

Test	Specification	Result
Titer	Report	8.4°C
Cloud Point	≤ 8.0°C	6.0°C
Iodine Value	88 – 95gI2/100g	94.21gI2/100g
Acid Value	195 – 205 mgKOH/g	200.49mgKOH/g
Saponification Value	197 – 207mgKOH/g	201.99mgKOH/g
Unsaponifiable Matter	≤ 2.00%	0.43%
Color (Lovibond Y)	≤ 15.0	2.2
Color (Lovibond R)	≤ 2.0	0.1
Saturated C18 & below	≤ 13.00%	7.91%

Approved by:

Date: February 6, 2020

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