



Certificate of Analysis

Octanoic Acid

Catalog Number: OA1001
Lot Number: 1003801
CAS Number: 124-07-2
Synonym(s): Caprylic Acid, Acid C8
Molecular Formula: $C_8H_{16}O_2$
Molecular Weight: 144.21
Storage: 15°C – 30°C
Date of Manufacture: March 15, 2018
Retest Date: March 14, 2019

Test	Specification	Result
Appearance	Clear, light yellow, viscous liquid	Conforms
Assay (C8)	99.0 – 100.0%	99.9%
Acid Value	383 - 390	388.5
Saponification Value	384 - 391	389.6
Contaminants		
C6	≤ 0.5%	Not detected
C10	≤ 0.5%	Not detected
Titer	14.0°C -17.0°C	16.2°C
Iodine Value	≤ 0.5	0.06
Lovibond 5.25" Red	≤ 0.5	0.1
Lovibond 5.25" Yellow	≤ 3.0	0.6

Approved by:

Date: October 3, 2018

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