



Technical Data Specifications

Product Name: Oleic Acid
INCI Name: Oleic Acid
CAS Number: 112-80-1

<u>Characteristic</u>	<u>Units</u>	<u>Specification</u>
Appearance	-	Clear yellow liquid
Odor		Characteristic, mild fatty odor
Lovibond 5 1/4" (Yellow)		≤ 20.0
Lovibond 5 1/4" (Red)		≤ 2.5
Color (Gardner 1963)		≤ 3
Iodine Value	gI/100g	≤ 105
Titre	°C	≤ 10
Acid Value	mgKOH/g	196 - 208
Saponification Value	mgKOH/g	198 - 210
Unsaponifiables	%	≤ 1.5
Moisture	%	≤ 0.25

Typical Values

Approximate (%)

C14	2 - 4
C16	3 - 6
C16:1	4 - 6
C18	1 - 2
C18:1	64 - 70
C18:2	11 - 14
C18:3	0 - 2

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