

**neoFroxx GmbH**

Marie-Curie-Str. 3  
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www.neofroxx.com

## Specification

Product	Oleic acid pure
Product number	LC-10843
Synonyms	(9Z)-Octadec-9-enoic acid, cis-9-Octadecenoic Acid, 18:1
Formula	C <sub>18</sub> H <sub>34</sub> O <sub>2</sub>
Molecular weight	282.47 g/mol
CAS number	112-80-1
Storage	below 25°C
Retest period (months)	48

This product is of animal origin. No added stabilizers.

Parameter	Specification
Assay (GC)	65 - 88 %
Identity (IR)	passes test
Appearance	lightly yellow, clear liquid
Residue on ignition (Ash)	<= 0.1 %
Acid number	195 - 204
Iodine value	89 - 105
Peroxide number	<= 10
Residual solvents	passes test
Composition (fatty acids)	
Myristic acid (C14)	<= 5 %
Palmitic acid (C16)	<= 16 %
Palmitoleic acid (16:1)	<= 8 %
Stearic acid (18:0)	<= 6 %
Linoleic acid (C18:2)	<= 18 %
Linolenic acid (18:3)	<= 4 %
Fatty acids more than C18	<= 4 %
Margaric acid (17:0)	<= 4 %
Density (20°C)	approx. 0.890 g/cm <sup>3</sup>
Refractive index	1.46 - 1.463

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Einhausen, 15.01.2026