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Product Specification

Product Name:
Oleic acid - natural, FCC

Product Number: W281506
CAS Number: 112-80-1
MDL: MFCD00064242
Formula: C18H34O2
Formula Weight: 282.46 g/mol



TEST	Specification
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Appearance (Color)	Colorless to Very Light Yellow
Appearance (Form)	Liquid
Infrared spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 0.4 %
Coulametric	
Residue on ignition (Ash)	≤ 0.01 %
Iodine Value	83 - 103
Acid Value	196 - 204 ml
Solidification Point	≤ 10 °C
Saponification Value	196 - 206
Unsaponifiable Matter	≤ 2.0 %
Fatty Acid Composition	Pass
Oleic Acid	
Specification: Report Result	
Linoleic Acid	
Specification: Report Result	
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Trace Metal Analysis	≤ 0.10 ppm
(FCC Pb < 0.1PPM)	
Expiration Date Period	-----
5 Years	

Specification: PRD.5.ZQ5.10000005487

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.