

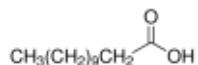
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Product Specification

Product Name:
Lauric acid - natural, ≥98%, FCC, FG

Product Number: **W261416**
 CAS Number: 143-07-7
 MDL: MFCD00002736
 Formula: C₁₂H₂₄O₂
 Formula Weight: 200.32 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Solid
Infrared spectrum	Conforms to Structure
Purity (GC)	≥ 98.0 %
Residue on ignition (Ash)	≤ 0.10 %
Solidification Point	26.0 - 44.0 °C
Acid Value	252.0 - 287.0
Iodine Value	≤ 3.0
Saponification Value	253.0 - 287.0
Unsaponifiable Matter	≤ 0.3 %
Water (by Karl Fischer)	≤ 0.2 %
Heavy Metal	≤ 0.1 ppm
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 0.1 ppm
Organoleptics	Pass
Expiration Date Period	-----
5 Years	

Specification: PRD.3.ZQ5.10000076838

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.

