

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.com

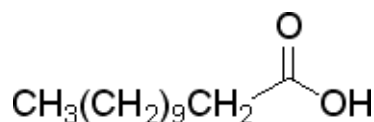
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

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

Product Number: W261408
CAS Number: 143-07-7
MDL: MFCD00002736
Formula: C₁₂H₂₄O₂
Formula Weight: 200.32 g/mol



TEST	Specification
------	---------------

Appearance (Color)	White
Appearance (Form)	Powder or Crystals or Flakes
Infrared spectrum	Conforms to Structure
Purity (GC)	≥ 98.00 %
Solidification Point	26.0 - 44.0 °C
Acid Value	252.0 - 287.0 ml
Saponification Value	253.0 - 287.0
Iodine Value	≤ 3.0
Residue on ignition (Ash)	≤ 0.1 %
Unsaponifiable Matter	≤ 0.3 %
Water (by Karl Fischer)	≤ 0.2 %
Heavy Metal	≤ 0.1 ppm
(as lead)	
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Expiration Date Period	-----
5 Years	

Specification: PRD.0.ZQ5.10000027653

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.