

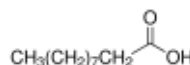
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## Product Specification

Product Name:  
Decanoic acid – FCC, FG

Product Number: **W236403**  
CAS Number: 334-48-5  
MDL: MFCD00004441  
Formula: C<sub>10</sub>H<sub>20</sub>O<sub>2</sub>  
Formula Weight: 172.26 g/mol



TEST	Specification
Appearance (Color)	Colorless or White
Appearance (Form)	Liquid or Solid
Infrared spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 0.2 %
Purity (GC)	≥ 99.5 %
Solidification Point	27.0 - 32.0 °C
Acid Value	320.0 - 329.0 ml
Unsaponifiable Matter	≤ 0.2 %
Iodine Value	≤ 0.6
Residue on ignition (Ash)	≤ 0.1 %
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 1 ppm
Expiration Date Period	-----
5 Years	

Specification: PRD.3.ZQ5.10000037332

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](http://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.