

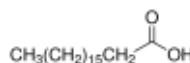
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Product Specification

Product Name:
Stearic acid - ≥95%, FCC, FG

Product Number: **W303518**
CAS Number: 57-11-4
MDL: MFCD00002752
Formula: C₁₈H₃₆O₂
Formula Weight: 284.48 g/mol



TEST	Specification
Appearance (Color)	White to Faint Yellow
Appearance (Form)	Powder or Solid or Flakes
Melting Point	67.0 - 72.0 °C
Infrared spectrum	Conforms to Structure
GC (area %)	≥ 95.0 %
Acid Value	196.0 - 211.0
Iodine Value	≤ 7.0
Solidification Point	54.5 - 69.0 °C
Saponification Value	197.0 - 212.0
Water (by Karl Fischer)	≤ 0.2 %
Residue on ignition (Ash)	≤ 0.1 %
Unsaponifiable Matter	≤ 1.5 %
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 2 ppm
FCC Spec	
Expiration Date Period	-----
5 Years	

Specification: PRD.3.ZQ5.10000036613

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.