

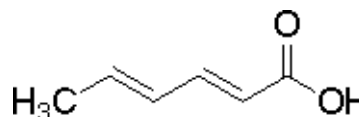
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Product Specification

Product Name:
2,4-Hexadienoic acid - ≥99%, FCC

Product Number: **W392103**
CAS Number: 110-44-1
MDL: MFCD00002703
Formula: C₆H₈O₂
Formula Weight: 112.13 g/mol



TEST	Specification
Appearance (Color)	White to Off White
Appearance (Form)	Powder
Initial Melting Point	≥ 132 °C
Final Melting Point	≤ 135 °C
Infrared spectrum	Conforms to Structure
Purity (Titration by NaOH)	99.0 - 101.0 %
Purity (GC)	≥ 99.0 %
Water (by Karl Fischer)	≤ 0.50 %
Residue on ignition (Ash)	≤ 0.20 %
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless to Slightly Yellow
c = 10%, Ethanol	
Arsenic (As)	≤ 3.0 ppm
Cadmium (Cd)	≤ 1.0 ppm
Mercury (Hg)	≤ 1.0 ppm
Lead (Pb)	≤ 2.0 ppm
Expiration Date Period	-----
5 Years	

Specification: PRD.2.ZQ5.10000003814

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.