

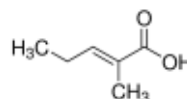
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Product Specification

Product Name:
trans-2-Methyl-2-pentenoic acid - ≥98%, FCC, FG

Product Number: **W319503**
CAS Number: 16957-70-3
MDL: MFCD00002655
Formula: C₆H₁₀O₂
Formula Weight: 114.14 g/mol



TEST	Specification
Appearance (Color)	Colorless to Pale Yellow
Appearance (Form)	Liquid or Solid
Refractive index at 20 ° C	1.455 - 1.465
Infrared spectrum	Conforms to Structure
Purity (Titration by NaOH)	98.0 - 102.0 %
GC (area %)	≥ 98.0 %
Specific Gravity	0.978 - 0.985
At 25 Deg C	
Solubility (Turbidity)	Clear
1ml/1ml; 95% Ethanol	
Solubility (Color)	Colorless to Light Yellow
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 10 ppm
Expiration Date Period	-----
5 Years	

Specification: PRD.1.ZQ5.1000009019

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.