

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.com

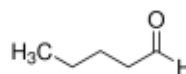
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Valeraldehyde - ≥97%, FG

Product Number: W309818
CAS Number: 110-62-3
MDL: MFCD00007026
Formula: C₅H₁₀O
Formula Weight: 86.13 g/mol
Storage Temperature: 2 - 8 °C



TEST	Specification
Appearance (Color)	Colorless to Faint Yellow
Appearance (Form)	Liquid
Infrared spectrum	Conforms to Structure
Refractive index at 20 °C	1.390 - 1.395
Purity (GC)	≥ 97.0 %
Specific Gravity At 25°C	0.804 - 0.817
Acid Value (mg KOH/g)	≤ 5.0
Solubility (Turbidity)	Clear
Solubility (Color) 1ml/1ml,95% Ethanol	Colorless
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 10 ppm
Expiration Date Period 3 Years	Confirmed

Specification: PRD.1.ZQ5.10000037847

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.