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Product Specification

Product Name:
Heptyl alcohol - ≥97%, FCC, FG

Product Number:	W254800	CH ₃ (CH ₂) ₅ CH ₂ OH
CAS Number:	111-70-6	
MDL:	MFCD00002986	
Formula:	C ₇ H ₁₆ O	
Formula Weight:	116.20 g/mol	

TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Refractive index at 20 ° C	1.423 - 1.427
Infrared spectrum	Conforms to Structure
Purity (GC)	≥ 97.0 %
Impurities	≤ 1.0 %
(Heptanal)	
Specific Gravity	0.820 - 0.824
Acid Value	≤ 1.0 ml
Solubility (Turbidity)	Clear
1 ml/2 ml, 60% Ethanol	
Solubility (Color)	Colorless
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 10 ppm
Expiration Date Period	Confirmed
5 Years	

Specification: PRD.5.ZQ5.10000016474

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.