

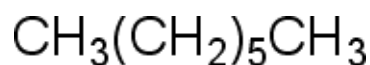
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
Heptane – biotech. grade, ≥99%

Product Number: 494526
CAS Number: 142-82-5
MDL: MFCD00009544
Formula: C₇H₁₆
Formula Weight: 100.2 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Infrared spectrum	Conforms to Structure
UV Absorbance 400nm	≤ 0.01
UV Absorbance 260nm	≤ 0.01
UV Absorbance 230nm	≤ 0.05
UV Absorbance 220nm	≤ 0.15
UV Absorbance 210nm	≤ 0.40
UV Absorbance 197nm	≤ 1.0
Color Test	≤ 10 APHA
Refractive index at 20 °C	1.3850 - 1.3890
Purity (GC)	≥ 99.0 %
Water (by Karl Fischer)	≤ 0.005 %
Residue on Evaporation	≤ 0.0002 %

Specification: PRD.0.ZQ5.10000014464

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.