

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 - for HPLC, ≥99%

Product Number: 34873
CAS Number: 142-82-5
MDL: MFCD00009544
Formula: C₇H₁₆
Formula Weight: 100.20 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Refractive index at 20 ° C	1.3850 - 1.3890
Color Test	≤ 10 APHA
UV Absorbance 400nm	≤ 0.01
UV Absorbance 260nm	≤ 0.01
UV Absorbance 245nm	≤ 0.01
UV Absorbance 230nm	≤ 0.05
UV Absorbance 220nm	≤ 0.10
UV Absorbance 210nm	≤ 0.40
UV Absorbance 200nm	≤ 0.70
Purity (GC)	≥ 99.0 %
Water (by Karl Fischer)	≤ 0.01 %
Residue on Evaporation	≤ 0.0003 %
Free Acid	≤ 0.001 %
as Acetic Acid	
Fluorescence 365nm	≤ 1.0 ppb
Fluorescence 254nm	≤ 1.0 ppb
Recommended Retest Period	-----
60 Months	

Specification: PRD.5.ZQ5.10000004531

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.

