

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

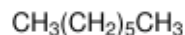
Outside USA: eurtechserv@sial.com

Certificate of Analysis

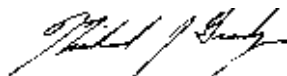
Product Name:

Heptane - for HPLC, ≥96%

Product Number: 592579
Batch Number: SHBL0396
Brand: SIGALD
CAS Number: 142-82-5
MDL Number: MFCD00009544
Formula: C₇H₁₆
Formula Weight: 100.20 g/mol
Quality Release Date: 01 MAR 2019



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Refractive index at 20 °C	1.385 - 1.389	1.387
Infrared Spectrum	Conforms to Structure	Conforms
UV Absorbance 400nm	≤ 0.01	< 0.01
UV Absorbance 280nm	≤ 0.01	< 0.01
UV Absorbance 254nm	≤ 0.01	< 0.01
UV Absorbance 225nm	≤ 0.10	0.01
UV Absorbance 210nm	≤ 0.40	0.03
UV Absorbance 197nm	≤ 1.0	0.1
Purity (GC)	≥ 96.0 %	99.3 %
Water (by Karl Fischer)	≤ 0.02 %	< 0.01 %
Residue on Evaporation	≤ 0.0003 %	0.0002 %
Color Test	≤ 10 APHA	< 5 APHA



Michael Grady, Manager
Quality Control
Sheboygan Falls, WI US

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.