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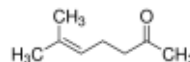
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

6-Methyl-5-hepten-2-one - natural, ≥98%, FCC

Product Number: W270733
Batch Number: MKBZ4693V
Brand: ALDRICH
CAS Number: 110-93-0
MDL Number: MFCD00008905
Formula: C₈H₁₄O
Formula Weight: 126.20 g/mol
Quality Release Date: 13 JUN 2016
Recommended Retest Date: MAY 2021
Expiration Date: MAY 2021



Test	Specification	Result
Appearance (Color)	Colorless to Faint Yellow	Colorless
Appearance (Form)	Liquid	Liquid
Refractive index at 20 °C	1.438 - 1.442	1.440
Infrared Spectrum	Conforms to Structure	Conforms
Purity (GC)	≥ 98.0 %	99.6 %
Specific Gravity	0.846 - 0.851	0.849
Solubility (Turbidity)	Clear	Clear
Solubility (Color)	Colorless to Faint Yellow	Colorless
Arsenic (As)	≤ 3 ppm	< 1 ppm
Cadmium (Cd)	≤ 1 ppm	< 1 ppm
Mercury (Hg)	≤ 1 ppm	< 1 ppm
Lead (Pb)	≤ 10 ppm	< 1 ppm
Expiration Date Period	Confirmed	Confirmed
5 Years		

Michael Grady, Manager
 Quality Control
 Milwaukee, 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.