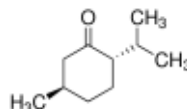


Certificate of Analysis

Product Name:

L-Menthone - mixture of isomers, ≥96%, FCC, FG

Product Number: W266701
Batch Number: SHBS3263
Brand: ALDRICH
CAS Number: 14073-97-3
MDL Number: MFCD00001634
Formula: C₁₀H₁₈O
Formula Weight: 154.25 g/mol
Quality Release Date: 07 JAN 2025
Expiration Date: DEC 2029



Test	Specification	Result
Appearance (Color)	Colorless to Very Light Yellow	Colorless
Appearance (Form)	Liquid	Liquid
Refractive index at 20 °C	1.448 - 1.453	1.451
Infrared Spectrum	Conforms to Structure	Conforms
Purity (GC)	≥ 96.0 %	98.7 %
(Sum of two Isomers)		
Specific Gravity	0.888 - 0.895	0.894
Acid Value	≤ 1.0	0.3
Solubility (Turbidity)	Clear	Clear
Angular Rotation	-25.0 - -0.1 °	-10.3 °
(Observed Rotation)		
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	-----	-----
5 Years		

Larry Coers, Director
 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.

