

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

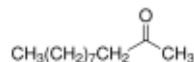
Outside USA: eurtechserv@sial.com

Certificate of Analysis

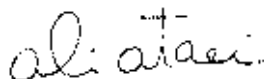
Product Name:

2-Undecanone - ≥98%, FCC, FG

Product Number: W309303
Batch Number: MKBS7431V
Brand: ALDRICH
CAS Number: 112-12-9
MDL Number: MFCD00009583
Formula: C₁₁H₂₂O
Formula Weight: 170.29 g/mol
Quality Release Date: 12 SEP 2014
Expiration Date: AUG 2019



Test	Specification	Result
Appearance (Color)	Colorless to Light Yellow	Colorless
Appearance (Form)	Liquid	Liquid
Refractive index at 20 °C	1.428 - 1.432	1.429
Infrared Spectrum	Conforms to Structure	Conforms
Purity (GC)	≥ 98.0 %	99.8 %
Specific Gravity At 25°C	0.822 - 0.826	0.824
Acid Value	≤ 5.0 ml	0.1 ml
Solubility (Turbidity) 1ml/1ml 95% Ethanol	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 5 Years	-----	-----



Ali Ataei, Manager
Quality Control

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.

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Product Number: W309303
Batch Number: MKBS7431V

Milwaukee, WI US

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