

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

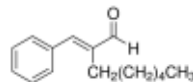
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

 α -Hexylcinnamaldehyde - $\geq 95\%$, stabilized, FG

Product Number: W256900
Batch Number: MKCJ7724
Brand: ALDRICH
CAS Number: 101-86-0
MDL Number: MFCD00006989
Formula: C₁₅H₂₀O
Formula Weight: 216.32 g/mol
Quality Release Date: 08 APR 2019
Expiration Date: MAR 2022



Test	Specification	Result
Appearance (Color)	Colorless to Dark Yellow	Light Yellow
Appearance (Form)	Liquid	Liquid
Refractive index at 20 °C	1.546 - 1.552	1.548
Infrared Spectrum	Conforms to Structure	Conforms
BHT as Stabilizer	0.075 - 0.500 %	0.108 %
TBHQ	None Detected	None Detected
GC Purity (sum of isomers)	≥ 95.0 %	96.7 %
Specific Gravity at 25 Degrees Celsius	0.953 - 0.959	0.954
Solubility (Turbidity)	Clear to Very Slightly Hazy	Very Slightly Hazy
Solubility (Color) 1 mL/1 mL 90% Ethanol	Colorless to Yellow	Faint Yellow
Color Test	≤ 500 APHA	< 250 APHA
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 3 Years	-----	-----

Michael Grady, Manager

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: W256900
Batch Number: MKCJ7724

Quality Control
Milwaukee, WI US

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