

3050 Spruce Street, Saint Louis, MO 63103, USA

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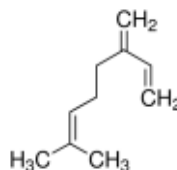
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Myrcene - stabilized, FCC, FG

Product Number: W276200
Batch Number: MKCK2030
 Brand: ALDRICH
 CAS Number: 123-35-3
 MDL Number: MFCD00008908
 Formula: C₁₀H₁₆
 Formula Weight: 136.23 g/mol
 Storage Temperature: Store at 2 - 8 °C
 Quality Release Date: 04 JUN 2019
 Expiration Date: MAY 2024



Test	Specification	Result
Appearance (Color)	Colorless to Light Yellow	Colorless
Appearance (Form)	Liquid	Liquid
Refractive index at 20 °C	1.466 - 1.471	1.471
Infrared Spectrum	Conforms to Structure	Conforms
GC (% Major 1) Myrcene	≥ 90.0 %	92.8 %
GC (% Minor 1) Sum of C ₁₅ H ₂₄ and C ₁₀ H ₁₆ species	≥ 5.0 %	5.8 %
Total Purity Sum of major and minor components	≥ 95.0 %	98.5 %
HPLC (% Minor 1) (Alpha-tocopherol)	0.05 - 0.20 %	0.09 %
Peroxide Value MEQ/L	≤ 50.0	2.0
Specific Gravity	0.789 - 0.793	0.793
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	-----	-----

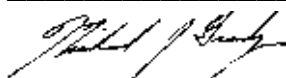
Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser 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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Michael Grady, Manager
Quality Control
Milwaukee, WI US

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