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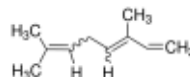
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Certificate of Analysis

Product Name:

Ocimene - mixture of isomers, stabilized, ≥90%

Product Number: W353901
Batch Number: MKCH8200
Brand: ALDRICH
CAS Number: 13877-91-3
MDL Number: MFCD00026437
Formula: C₁₀H₁₆
Formula Weight: 136,23 g/mol
Quality Release Date: 19 NOV 2018



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Refractive index at 20 °C	1.484 - 1.492	1.488
Infrared Spectrum	Conforms to Structure	Conforms
Proton NMR Spectrum	Conforms to Structure	Conforms
Purity (GC)	≥ 90.0 %	94.6 %
As a Mixture of Isomers		
BHT as Stabilizer	≤ 0.10 %	0.08 %
Stabilizer	None Detected	None Detected
TBHQ		
Arsenic (As)	≤ 3 ppm	< 1 ppm
Cadmium (Cd)	≤ 1 ppm	< 1 ppm
Mercury (Hg)	≤ 1 ppm	< 1 ppm
Lead (Pb)	≤ 10 ppm	< 1 ppm

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.