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Certificate of Analysis

Product Name:

Clove bud oil - Certified organic (NOP/EU)

Product Number: W232314
Batch Number: MKBC2724V
Brand: ALDRICH
CAS Number: 8000-34-8
Quality Release Date: 26 OCT 2009

Test	Specification	Result
Appearance (Color)	Faint Yellow to Dark Yellow	Yellow
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Refractive index at 20 °C	1.5310 - 1.5370	1.5355
Specific Gravity	0.700 - 1.300	1.061
Optical Rotation	-100 - 100 deg	-1 deg
Gas Chromatography Analysis	Pass	Pass
Arsenic (As)	≤ 3.0 ppm	< 1.0 ppm
Cadmium (Cd)	≤ 1.0 ppm	< 1.0 ppm
Mercury (Hg)	≤ 1.0 ppm	< 1.0 ppm
Lead (Pb)	≤ 10.0 ppm	< 1.0 ppm



Jamie Gleason, Manager
Quality Control
Milwaukee, Wisconsin 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.