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Product Specification

Product Name:
Lemon oil - cold-pressed, California origin, FG

Product Number: W262528
CAS Number: 8008-56-8
MDL: MFCD00147430

TEST	Specification
Appearance (Color)	Pale Yellow to Yellow-Green
Appearance (Form)	Liquid
Refractive index at 20 ° C	1.473 - 1.476
Infrared spectrum	Conforms to Structure
Wavelength	
Approximately 315nm	
Absorbance	≥ 0.20
Optical Rotation	57.0 - 65.6 deg
c = Neat	
Specific Gravity	0.849 - 0.855
at 25 Degrees Celsius	
Aldehyde Content	2.2 - 3.8 %
as Citral	
Solubility (Turbidity)	Clear to Slightly Hazy
c = 1ml/3ml, 95% Ethanol	
Arsenic (As)	≤ 3.0 ppm
Cadmium (Cd)	≤ 1.0 ppm
Mercury (Hg)	≤ 1.0 ppm
Lead (Pb)	≤ 10.0 ppm
Expiration Date Period	-----
5 Years	

Specification: PRD.0.ZQ5.10000025695

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.