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Product Specification

Product Name:
Orange oil - natural, cold-compressed, California origin, FG

Product Number: **W282510**

CAS Number: 8008-57-9

TEST	Specification
Appearance (Color)	Yellow to Orange
Appearance (Form)	Liquid
Refractive index at 20 ° C	1.472 - 1.474
Infrared spectrum	Conforms to Structure
Wavelength	327 - 333 nm
Absorbance	≥ 0.130
c = 250 mg/100 mL; Ethanol	
BHT as Stabilizer	≤ 0.04 %
Stabilizer	None Detected
TBHQ	
Assay	1.2 - 2.5 %
as Decyl Aldehyde	
Specific Gravity	0.842 - 0.846
at 25 Degrees Celsius	
Optical Rotation	94.0 - 120.0 deg
c = Neat	
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 10 ppm
Expiration Date Period	-----
5 Years	

Specification: PRD.3.ZQ5.10000038554

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.