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Product Specification

Product Name:
Peppermint oil - terpeneless, FCC

Product Number: W284831
CAS Number: 8006-90-4
MDL: MFCD00147870
Formula: C10H16
Formula Weight: 136.2 g/mol

TEST	Specification
Appearance (Color)	Colorless to Light Yellow
Appearance (Form)	Liquid
Refractive index at 20 ° C	1.459 - 1.465
Infrared spectrum	Conforms to Structure
Miscellaneous Assay	Pass
Dimethyl Sulfide Test	
Specific Gravity	0.896 - 0.908
at 25 Degrees Celsius	
Heavy Metals	Pass
Alcohol Content	≥ 50.0 %
as Methanol	
Saponification Value	≥ 5.0 %
as Menthyl Acetate	
Optical Rotation	-32.0 - -18.0 deg
c = Neat	
Arsenic (As)	≤ 3.0 ppm
Cadmium (Cd)	≤ 1.0 ppm
Mercury (Hg)	≤ 1.0 ppm
Lead (Pb)	≤ 10.0 ppm

Specification: PRD.0.ZQ5.10000043774

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.