

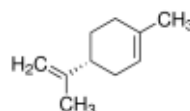
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Product Specification

Product Name:
(R)-(+)-Limonene - $\geq 93\%$

Product Number: **W263303**
CAS Number: 5989-27-5
Formula: C₁₀H₁₆
Formula Weight: 136.23 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Refractive index at 20 ° C	1.471 - 1.474
Infrared spectrum	Conforms to Structure
Purity (GC)	$\geq 93.0 \%$
Specific Gravity	0.838 - 0.843
Assay	$\leq 5.0 \%$
(Peroxide Value)	
Angular Rotation	96.0 - 125.0 °
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.1.ZQ5.10000036993

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.