

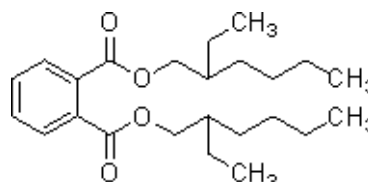
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
Dioctyl phthalate -  $\geq 99.5\%$

Product Number: **D201154**  
CAS Number: 117-81-7  
MDL: MFCD00009493  
Formula:  $C_{24}H_{38}O_4$   
Formula Weight: 390.56 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Viscous Liquid
Infrared spectrum	Conforms to Structure
Refractive index at 25 °C	1.483 - 1.487
Color Test	$\leq 10$ APHA
Acidity	$\leq 0.003$ %
As Phthalic Acid	
Water (by Karl Fischer)	$\leq 0.05$ %
Specific Gravity	0.985 - 0.987
At 20 Degrees Celsius	
Purity (GC)	$\geq 99.50$ %

Specification: PRD.1.ZQ5.10000011969

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](http://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.