

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
1-Octanol - ACS spectrophotometric grade, ≥99%

Product Number:	360562	$\text{CH}_3(\text{CH}_2)_6\text{CH}_2\text{OH}$
CAS Number:	111-87-5	
MDL:	MFCD00002988	
Formula:	$\text{C}_8\text{H}_{18}\text{O}$	
Formula Weight:	130.23 g/mol	

TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Infrared spectrum	Conforms to Structure
Color Test	≤ 10 APHA
UV Absorbance 400nm	≤ 0.01
UV Absorbance 280nm	≤ 0.01
UV Absorbance 260nm	≤ 0.05
UV Absorbance 240nm	≤ 0.10
UV Absorbance 230nm	≤ 0.50
UV Absorbance 220nm	≤ 1.0
Purity (GC)	≥ 99.0 %
Titration Acid (meq/g)	≤ 0.0002
Residue on Evaporation	≤ 0.004 %
Meets ACS Requirements	Current ACS Specification

Specification: PRD.3.ZQ5.10000012516

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.