

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Certificate of Analysis

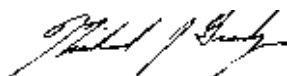
Product Name:

1-Octanol - for HPLC, ≥99%

Product Number: 293245
Batch Number: SHBJ0289
Brand: SIGALD
CAS Number: 111-87-5
MDL Number: MFCD00002988
Formula: C₈H₁₈O
Formula Weight: 130.23 g/mol
Quality Release Date: 24 MAR 2017



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
UV Absorbance 400nm	≤ 0.01	< 0.01
UV Absorbance 300nm	≤ 0.01	< 0.01
UV Absorbance 250nm	≤ 0.05	0.03
UV Absorbance 235nm	≤ 0.20	0.09
UV Absorbance 225nm	≤ 0.50	0.21
UV Absorbance 215nm	≤ 1.0	0.5
Purity (GC)	≥ 99.0 %	99.5 %
Color Test	≤ 10 APHA	5 APHA
Water (by Karl Fischer)	≤ 0.01 %	0.01 %
Residue on Evaporation	≤ 0.004 %	0.001 %



Michael Grady, Manager
Quality Control
Sheboygan Falls, WI US

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.