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## Product Specification

Product Name:  
1-Octanol - for HPLC, ≥99%

<b>Product Number:</b>	<b>293245</b>	CH <sub>3</sub> (CH <sub>2</sub> ) <sub>6</sub> CH <sub>2</sub> OH
CAS Number:	111-87-5	
MDL:	MFCD00002988	
Formula:	C <sub>8</sub> H <sub>18</sub> 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 300nm	≤ 0.01
UV Absorbance 250nm	≤ 0.05
UV Absorbance 235nm	≤ 0.20
UV Absorbance 225nm	≤ 0.50
UV Absorbance 215nm	≤ 1.0
Purity (GC)	≥ 99.0 %
Residue on Evaporation	≤ 0.004 %
Water (by Karl Fischer)	≤ 0.01 %

Specification: PRD.2.ZQ5.10000010862

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.