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Product Specification

Product Name:
Cyclopentane - for HPLC, ≥75% cyclopentane basis

Product Number: 270601
CAS Number: 287-92-3
MDL: MFCD00001356
Formula: C₅H₁₀
Formula Weight: 70.13 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Infrared spectrum	Conforms to Structure
GC Identified Peak Cyclopentane	≥ 75.0 %
GC Purity (sum of isomers) C5 and C6 Saturated Hydrocarbons	
UV Absorbance 400nm	≤ 0.01
UV Absorbance 240nm	≤ 0.01
UV Absorbance 220nm	≤ 0.10
UV Absorbance 210nm	≤ 0.50
UV Absorbance 198nm	≤ 1.0
Water (by Karl Fischer)	≤ 0.02 %
Residue on Evaporation	≤ 0.0003 %

Specification: PRD.0.ZQ5.10000102157

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.