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Product Specification

Product Name:

Pentane – spectrophotometric grade, ≥99%

Product Number:

154954

CAS Number:

109-66-0

MDL:

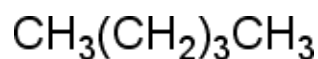
MFCD00009498

Formula:

C₅H₁₂

Formula Weight:

72.15 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Infrared spectrum	Conforms to Structure
UV Absorbance 400nm	≤ 0.01
UV Absorbance 245nm	≤ 0.01
UV Absorbance 220nm	≤ 0.06
UV Absorbance 210nm	≤ 0.30
UV Absorbance 200nm	≤ 0.60
UV Absorbance 195nm	≤ 1.00
Refractive index at 20 °C	1.356 - 1.360
Purity (GC)	≥ 99.0 %
Residue on Evaporation	≤ 0.0003 %
Water (by Karl Fischer)	≤ 0.01 %

Specification: PRD.0.ZQ5.10000012084

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.