

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.com

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Product Specification

Product Name:
Hexane, mixture of isomers - CHROMASOLV®, for HPLC, ≥98.5%

Product Number: 293253

MDL: MFCD00009520

Formula: C6H14

Formula Weight: 86.18 g/mol

TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Infrared spectrum	Conforms to Structure
Refractive index at 20 ° C	1.377 - 1.382
Color Test	≤ 10 APHA
UV Absorbance 400nm	≤ 0.01
UV Absorbance 250nm	≤ 0.01
UV Absorbance 240nm	≤ 0.02
UV Absorbance 230nm	≤ 0.05
UV Absorbance 220nm	≤ 0.10
UV Absorbance 210nm	≤ 0.30
UV Absorbance 195nm	≤ 1.0
GC Purity (sum of isomers) plus Methylcyclopentane	≥ 98.50 %A
Residue on Evaporation	≤ 0.0005 %
Water (by Karl Fischer)	≤ 0.02 %
Sulfur compounds as S	≤ 0.005 %
Water Soluble Titratable Acid meq/g	≤ 0.0003
Thiophene	Pass

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.

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