

3050 Spruce Street, Saint Louis, MO 63103, USA

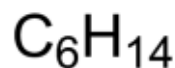
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## Product Specification

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

Product Number: 293253

MDL: MFCD00009520  
Formula: C<sub>6</sub>H<sub>14</sub>  
Formula Weight: 86.18 g/mol



| TEST  | Specification         |
|---|-----------------------|
| Appearance (Color)                                    | Colorless             |
| Appearance (Form)                                     | Liquid                |
| Infrared Spectrum                                     | Conforms to Structure |
| Color Test  | ≤ 10 APHA             |
| Refractive index at 20 ° C                            | 1.377 - 1.382         |
| 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)<br>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<br>meq/g                | ≤ 0.0003              |
| Thiophene   | Pass                  |

Specification: PRD.2.ZQ5.10000016349

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.