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## Product Specification

Product Name:

Pentane – CHROMASOLV®, for HPLC, ≥99.0%

Product Number:

34956

CAS Number:

109-66-0

MDL:

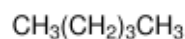
MFCD00009498

Formula:

C<sub>5</sub>H<sub>12</sub>

Formula Weight:

72.15 g/mol



| TEST | Specification |
|------|---------------|
|------|---------------|

|                           |               |
|---------------------------|---------------|
| Appearance (Color)        | Colorless     |
| Appearance (Form)         | Liquid        |
| Refractive index at 20 °C | 1.356 - 1.360 |
| UV Absorbance 250nm       | ≤ 0.004       |
| UV Absorbance 230nm       | ≤ 0.02        |
| UV Absorbance 220nm       | ≤ 0.07        |
| UV Absorbance 210nm       | ≤ 0.20        |
| UV Absorbance 200nm       | ≤ 0.70        |
| Purity (GC)               | ≥ 99.0 %      |
| Water (by Karl Fischer)   | ≤ 0.005 %     |
| Residue on Evaporation    | ≤ 0.0005 %    |
| Fluorescence 365nm        | ≤ 1.0 ppb     |
| Fluorescence 254nm        | ≤ 1.0 ppb     |
| Free Acid                 | ≤ 0.0005 %    |
| as Acetic Acid            |               |
| Expiration Date Period    | -----         |
| 1800 Days                 |               |

Specification: PRD.4.ZQ5.10000004997

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.