

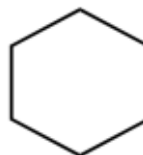
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Product Specification

Product Name:
Cyclohexane - for HPLC, ≥99.9%

Product Number: 650455
CAS Number: 110-82-7
MDL: MFCD00003814
Formula: C₆H₁₂
Formula Weight: 84.16 g/mol



| TEST | Specification |
|-------------------------|-----------------------|
| Appearance (Color) | Colorless |
| Appearance (Form) | Liquid |
| Infrared Spectrum | Conforms to Structure |
| UV Absorbance 400nm | ≤ 0.005 |
| UV Absorbance 300nm | ≤ 0.005 |
| UV Absorbance 250nm | ≤ 0.02 |
| UV Absorbance 225nm | ≤ 0.17 |
| UV Absorbance 200nm | ≤ 1.00 |
| Purity (GC) | ≥ 99.90 % |
| GC (ng/L) | ≤ 10 |
| as Heptachlor Epoxide | |
| Water (by Karl Fischer) | ≤ 0.01 % |
| Residue on Evaporation | ≤ 0.0001 % |
| Fluorescence 365nm | ≤ 1.0 ppb |
| as Quinine | |

Specification: PRD.0.ZQ5.10000074680

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.