

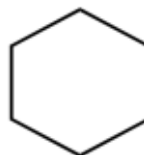
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
Cyclohexane - for HPLC, ≥99.7%

Product Number: 34855
CAS Number: 110-82-7
MDL: MFCD00003814
Formula: C₆H₁₂
Formula Weight: 84.16 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
UV Absorbance 400nm	≤ 0.01
UV Absorbance 300nm	≤ 0.01
UV Absorbance 255nm	≤ 0.01
UV Absorbance 250nm	≤ 0.03
UV Absorbance 240nm	≤ 0.08
UV Absorbance 235nm	≤ 0.10
UV Absorbance 230nm	≤ 0.20
UV Absorbance 220nm	≤ 0.50
UV Absorbance 210nm	≤ 1.00
Color Test	≤ 10 APHA
Purity (GC)	≥ 99.70 %
Water (by Karl Fischer)	≤ 0.01 %
Residue on Evaporation	≤ 0.0005 %
Fluorescence 254nm as Quinine	≤ 1.0 ppb
Fluorescence 365nm as Quinine	≤ 1.0 ppb
Free Acid as HCL	≤ 0.001 %
Recommended Retest Period 36 Months	-----

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.



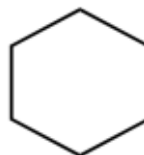
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Specification: PRD.2.ZQ5.10000010651

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