

**Product Name:** Cyclohexane, HPLC Grade, 99% min, Thermo Scientific Chemicals

**Catalog Number:** 022919.K2

**CAS Number:** 110-82-7  
**IUPAC Name:** cyclohexane  
**Molecular Formula:** C<sub>6</sub>H<sub>12</sub>  
**Molecular Weight:** 84.16  
**MDL Number:** MFCD00003814  
**InChI Key:** XD TMQSROBMDMFD-UHFFFAOYSA-N  
**SMILES:** C1CCCCC1  
**Synonym:** cyclohexanelhexamethylenelciclohexanolcicloesanolhexanaphthenelcykloheksanlrcra waste number U056lzyklohexanlcaswell no. 269lhsdb 60

## Product Specification

**Form:** Liquid  
**Residue on Evaporation:** ≤1ppm  
**Optical Absorbance at:** 254 nm: ≤0.01 AU  
**Assay (GC):** ≥99.0%  
**Comment:** Submicron filtered  
**Impurity content:** GC-ECD Responsive residue (single peak): ≤10 ppt as Heptachlorepoide  
**Color (APHA):** ≤10  
**Impurity content:** Fluorescence at emission maximum for Impurities: <1 ppb as Quinine sulfate  
**Water Content (Karl Fischer Titration):** ≤0.02%  
**Optical Absorbance at:** 202 nm: ≤1.0 AU  
**Optical Absorbance at:** 205 nm: ≤0.88 AU  
**Optical Absorbance at:** 210 nm: ≤0.67 AU  
**Optical Absorbance at:** 240 nm: ≤0.05 AU

**Date Of Print:** 04/27/2024

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*