

Cyclohexane, RCI Premium

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| C ₆ H ₁₂ | FW. 84.16 | Density 1 L = 0.779 Kg. |
| CAS-No. | 110-82-7 | Melting Point 6 °C |
| Code | RP1033 | Boiling Point 81 °C |

Specifications

(Meet A.C.S. Specifications and USP/NF)

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|--------------------------------------|---------------|
| Assay (by GC.) | 99.5% min. |
| Identity (IR) | Passes test |
| Appearance | Clear |
| Color (APHA) | 10 max. |
| Water (by Coulometry) | 0.01% max. |
| Acidity (mEq./g.) | 0.0003 max. |
| Residue on Evaporation | 0.001% max. |
| Cyclohexene (GC.) | 0.05% max. |
| Ethanol (GC.) | 0.01% max. |
| Aromatics | 0.05% max. |
| Readily carbonizable substances | Passes test |
| Substances darkened by sulfuric acid | Passes test |
| Aluminium (Al) | 0.2 ppm max. |
| Barium (Ba) | 0.05 ppm max. |
| Boron (B) | 0.01 ppm max. |
| Cadmium (Cd) | 0.02 ppm max. |
| Calcium (Ca) | 0.2 ppm max. |
| Chromium (Cr) | 0.01 ppm max. |
| Cobalt (Co) | 0.01 ppm max. |
| Copper (Cu) | 0.01 ppm max. |
| Iron (Fe) | 0.05 ppm max. |
| Lead (Pb) | 0.05 ppm max. |
| Magnesium (Mg) | 0.05 ppm max. |
| Manganese (Mn) | 0.01 ppm max. |
| Nickel (Ni) | 0.01 ppm max. |
| Tin (Sn) | 0.05 ppm max. |
| Zinc (Zn) | 0.05 ppm max. |

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