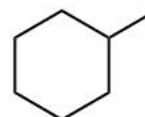


Technical Data Sheet

Methylcyclohexane

Compound Information

Product Name:	Methylcyclohexane
CAS No.:	108-87-2
Molecular Formula:	C ₇ H ₁₄
Molecular Weight:	98.19
Storage:	Store at 2 -8 °C
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Appearance	Almost clear, colorless liquid
Solubility	Miscible with acetone, benzene, ether, carbon tetrachloride, ethanol, insoluble in water.
Melting Point	-126 °C (lit.)
Boiling Point	101 °C (lit.)
Flash Point	-4 °C
Density	0.77 g/mL at 25 °C (lit.)
Refractive Index	<i>n</i> _{20/D} 1.422(lit.)
Purity by GC	≥ 99%
Application	Methylcyclohexane is used as a solvent and reagent in organic synthesis and polymer chemistry. It is a component of jet fuel and also used as correction fluid in certain consumer products. It acts as a starting material for toluene synthesis
MS	Pass test
1H NMR	Pass test
13C NMR	Pass test
IR	Pass test

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