



NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.
Email:marketing01@newayphc.com; Phone:+86-021-50350029 <https://www.newayphc.com>

Certificate of Analysis (COA)

Product Information

Product Name Cyclohexane
Product Number CH-20260209
Batch Number CH-SH2026020901
Brand TECHPURE
CAS Number 110-82-7
MDL Number MFCD00001453
Formula C_6H_{12}
Formula Weight 84.16 g/mol
Quality Release Date 09 FEB 2026

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Colorless	Colorless	-	Visual Inspection
Appearance (Form)	Clear liquid	Clear liquid	-	Visual Inspection
Purity (GC)	$\geq 99.5\%$	99.6%	%	Gas Chromatography (GC)
Water Content	$\leq 0.05\%$	0.02%	%	Karl Fischer Titration
Density (20°C)	0.778-0.780 g/cm ³	0.779 g/cm ³	g/cm ³	Density Meter
Boiling Range	80.0-81.5°C	80.3-81.0°C	°C	Distillation Test
Non-Volatile Residue	$\leq 0.005\%$	0.001%	%	Gravimetric Method
Heavy Metals (Pb)	≤ 0.5 ppm	0.1 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 0.1 ppm	0.04 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Total Sulfur	≤ 5 ppm	2 ppm	ppm	UV Fluorescence Spectrometry

Certification

This batch of product has been tested in accordance with industrial standards for cyclohexane and meets all specified requirements. It is qualified for industrial and laboratory use.

Issue Date: 09 FEB 2026