

Certificate of Analysis (COA)

Product Information

Product Name:Cyclohexanone

Product Number:CHN-20260223

Batch Number:CHN-SH2026022301

Brand:TECHPURE

CAS Number:108-94-1

MDL Number:MFCD00001454

Formula:C₆ H₁₀ O

Formula Weight:98.14 g/mol

Quality Release Date:23 FEB 2026

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Colorless to pale yellow	Colorless	-	Visual Inspection
Appearance (Form)	Clear liquid	Clear liquid	-	Visual Inspection
Purity (GC)	≥ 99.5%	99.6%	%	Gas Chromatography (GC)
Water Content	≤ 0.1%	0.05%	%	Karl Fischer Titration
Density (20°C)	0.947-0.949 g/cm ³	0.948 g/cm ³	g/cm ³	Density Meter
Boiling Range	154.0-156.0°C	154.5-155.8°C	°C	Distillation Test
Non-Volatile Residue	≤ 0.005%	0.002%	%	Gravimetric Method
Heavy Metals (Pb)	≤ 0.5 ppm	0.1 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 0.1 ppm	0.03 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Acidity (as CH ₃ COOH)	≤ 0.001%	0.0004%	%	Titration Method

Certification

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

Issue Date: 23 FEB 2026