



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

Product Name: Cyclopentanone

Product Information

Product Number CP-20260225
Batch Number CP-SH2026022501
Brand SIGALD
CAS Number 120-92-3
MDL Number MFCD00001360
Formula C_5H_8O
Formula Weight 84.12 g/mol
Quality Release Date 25 FEB 2026

Test Results

| Test | Specification (Industrial Grade Standard) | Result | Unit | Test Method |
|--------------------------------------|--|--------------------|-------------------|---|
| Appearance (Color) | Colorless | Colorless | - | Visual Inspection |
| Appearance (Form) | Transparent liquid | Transparent liquid | - | Visual Inspection |
| Assay (Cyclopentanone) | ≥ 99.5% | 99.85% | % | Gas Chromatography (GC) |
| Water Content | ≤ 0.1% | 0.02% | % | Karl Fischer Titration |
| Density (25°C) | 0.946-0.950 g/cm ³ | 0.948 | g/cm ³ | Hydrometer Method |
| Refractive Index (20°C) | 1.433-1.435 | 1.434 | - | Abbe Refractometer |
| Boiling Range (760mmHg) | 128-131°C | 129.6°C | °C | Distillation Method |
| Acidity (as CH ₃ COOH) | ≤ 0.005% | 0.001% | % | Acid-Base Titration |
| Heavy Metals (Pb) | ≤ 2 ppm | 0.2 ppm | ppm | Atomic Absorption Spectrometry (AAS) |
| Heavy Metals (As) | ≤ 1 ppm | 0.03 ppm | ppm | Atomic Fluorescence Spectrometry (AFS) |
| Evaporation Residue | ≤ 0.005% | 0.001% | % | Gravimetric Method (105°C, 3h) |
| Supplier Information | Confirmed | Confirmed | - | - |
| Registered Trademark | Confirmed | Confirmed | - | - |

Certification

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

Issue Date:25 FEB 2026