



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (Acetone)

Issue Date: 28 FEB 2026 Quality Release Date: 28 FEB 2026

Product Name

Acetone 丙酮

Product Information

Product Number ACE-20260228

Batch Number ACE-SH2026022801

Brand SIGALD

CAS Number 67-64-1

MDL Number MFCD00008784

Formula C_3H_6O

Formula Weight 58.08 g/mol

Form Colorless transparent liquid, characteristic pungent odor

Test Results

| Test | Specification (Industrial Grade Standard) | Result | Unit | Test Method |
|----------------------------|--|----------|-------------------|---|
| Appearance (Color/Form) | Colorless transparent liquid, no turbidity/precipitate | Conforms | - | Visual Inspection (25°C) |
| Assay (Acetone) | ≥ 99.8% | 99.92% | % | Gas Chromatography (GC) |
| Water Content | ≤ 0.05% | 0.02% | % | Karl Fischer Titration |
| Acidity (as CH_3COOH) | ≤ 0.001% | 0.0003% | % | Alkaline Titration with Phenolphthalein |
| Color (APHA) | ≤ 5 | 2 | - | Platinum-Cobalt Colorimetric Method |
| Density (25°C) | 0.784 ~ 0.786 g/cm ³ | 0.785 | g/cm ³ | Hydrometer Method |
| Refractive Index (25°C) | 1.356 ~ 1.358 | 1.357 | - | Abbe Refractometer |
| Boiling Point (760mmHg) | 55.5 ~ 56.5°C | 56.0°C | °C | Distillation Method |
| Heavy Metals (Pb) | ≤ 0.5 ppm | 0.1 ppm | ppm | Atomic Absorption Spectrometry (AAS) |
| Evaporation Residue | ≤ 0.0005% | 0.0001% | % | Gravimetric Method (105°C Drying) |

Certification

This batch of product has been tested in accordance with industrial grade standards for Acetone and meets all specified requirements. It is qualified for use in chemical synthesis, solvent cleaning, coating formulation and electronic manufacturing fields.