

Certificate of Analysis (COA)

Product Information

Product Name Acetone (Propanone)
Product Number ACT-20260221
Batch Number ACT-SH2026022101
Brand TECHPURE
CAS Number 67-64-1
MDL Number MFCD00008760
Formula C_3H_6O
Formula Weight 58.08 g/mol
Quality Release Date 21 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)	$\geq 99.5\%$	99.7%	%	Gas Chromatography (GC)
Water Content	$\leq 0.05\%$	0.02%	%	Karl Fischer Titration
Density (20°C)	0.790-0.792 g/cm ³	0.791 g/cm ³	g/cm ³	Density Meter
Boiling Range	55.5-56.5°C	55.8-56.2°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	0.03 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Acidity (as CH ₃ COOH)	$\leq 0.001\%$	0.0004%	%	Titration Method

Certification

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

Issue Date: 21 FEB 2026