

Certificate of Analysis (COA)

Product Information

Product Name	Butyl Acetate (n-Butyl Acetate)
Product Number	BA-20260225
Batch Number	BA-SH2026022501
Brand	TECHPURE
CAS Number	123-86-4
MDL Number	MFC00009440
Formula	C ₆ H ₁₂ O ₂
Formula Weight	116.16 g/mol
Quality Release Date	25 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)	≥ 99.5%	99.6%	%	Gas Chromatography (GC)
Water Content	≤ 0.1%	0.05%	%	Karl Fischer Titration
Density (20°C)	0.881-0.883 g/cm ³	0.882 g/cm ³	g/cm ³	Density Meter
Boiling Range	124.0-127.0°C	124.5-126.8°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	0.04 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Acidity (as CH ₃ COOH)	≤ 0.001%	0.0006%	%	Titration Method

Certification

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

Issue Date: 25 FEB 2026