

Certificate of Analysis (COA)

Product Information

Product Name Ethyl Acetate
Product Number EA-20260224
Batch Number EA-SH2026022401
Brand TECHPURE
CAS Number 141-78-6
MDL Number MFCD00009172
Formula $C_4H_8O_2$
Formula Weight 88.11 g/mol
Quality Release Date 24 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%	99.7%	%	Gas Chromatography (GC)
Water Content	≤ 0.1%	0.04%	%	Karl Fischer Titration
Density (20°C)	0.894-0.896 g/cm ³	0.895 g/cm ³	g/cm ³	Density Meter
Boiling Range	76.0-78.0°C	76.5-77.8°C	°C	Distillation Test
Non-Volatile Residue	≤ 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)	≤ 0.001%	0.0005%	%	Titration Method

Certification

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

Issue Date: 24 FEB 2026