



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name:Ethanol (Methyl Ethanol)

Product Number:ME-20260325

Batch Number:ME-SH2026032501

Brand:TECHPURE

CAS Number:74-93-1

MDL Number:MFCD00003568

Formula:C₂H₅ OH

Formula Weight:46.07 g/mol

Quality Release Date:25 MAR 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	≤ 0.2%	0.1%	%	Karl Fischer Titration
Density (20°C)	0.789-0.791 g/cm ³	0.790 g/cm ³	g/cm ³	Density Meter
Boiling Range	78.0-78.5°C	78.2-78.4°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%	0.0005%	%	Titration Method

Certification

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

Issue Date:25 MAR 2026