



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name Dimethoxyethanol (Methyl Cellosolve)
Product Number:DME-20260220
Batch Number:DME-SH2026022001
Brand:TECHPURE
CAS Number:110-71-4
MDL Number:MFCD00008516
Formula:C₄H₁₀ O₃
Formula Weight:106.12 g/mol
Quality Release Date:20 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)	≥ 99.0%	99.2%	%	Gas Chromatography (GC)
Water Content	≤ 0.1%	0.05%	%	Karl Fischer Titration
Density (20°C)	0.965-0.967 g/cm ³	0.966 g/cm ³	g/cm ³	Density Meter
Boiling Range	124.0-126.0°C	124.5-125.8°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	0.03 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Acidity (as CH ₃ COOH)	≤ 0.001%	0.0004%	%	Titration Method

Certification

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

Issue Date: 20 FEB 2026