

Certificate of Analysis (COA)

Product Information

Product Name Methyl Ethyl Ketone (MEK)
Product Number MEK-20260222
Batch Number MEK-SH2026022201
Brand TECHPURE
CAS Number 78-93-3
MDL Number MFCD00008765
Formula C_4H_8O
Formula Weight 72.11 g/mol
Quality Release Date 22 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)	$\geq 99.5\%$	99.6%	%	Gas Chromatography (GC)
Water Content	$\leq 0.05\%$	0.02%	%	Karl Fischer Titration
Density (20°C)	0.804-0.806 g/cm ³	0.805 g/cm ³	g/cm ³	Density Meter
Boiling Range	79.5-81.5°C	80.0-81.2°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	0.04 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Acidity (as CH ₃ COOH)	$\leq 0.001\%$	0.0005%	%	Titration Method

Certification

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

Issue Date: 22 FEB 2026