

## Certificate of Analysis (COA)

### Product Information

Product Name Methyl Formate  
 Product Number MF-20260226  
 Batch Number MF-SH2026022601  
 Brand TECHPURE  
 CAS Number 107-31-3  
 MDL Number MFCD00003295  
 Formula  $C_2H_4O_2$   
 Formula Weight 60.05 g/mol  
 Quality Release Date 26 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%	0.04%	%	Karl Fischer Titration
Density (20°C)	0.974-0.976 g/cm <sup>3</sup>	0.975 g/cm <sup>3</sup>	g/cm <sup>3</sup>	Density Meter
Boiling Range	31.0-33.0°C	31.5-32.8°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 HCOOH)	≤ 0.001%	0.0005%	%	Titration Method

### Certification

This batch of product has been tested in accordance with industrial standards for methyl formate and meets all specified requirements. It is qualified for industrial and laboratory use.  
 Issue Date: 26 FEB 2026