

## Certificate of Analysis (COA)

### Product Information

Product Name Methyl Benzoate  
 Product Number MB-20260311  
 Batch Number MB-SH2026031101  
 Brand TECHPURE  
 CAS Number 93-58-3  
 MDL Number MFCD00003382  
 Formula  $C_8 H_8 O_2$   
 Formula Weight 136.15 g/mol  
 Quality Release Date 11 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)	≥ 99.0%	99.3%	%	Gas Chromatography (GC)
Water Content	≤ 0.1%	0.04%	%	Karl Fischer Titration
Density (20°C)	1.083-1.085 g/cm <sup>3</sup>	1.084 g/cm <sup>3</sup>	g/cm <sup>3</sup>	Density Meter
Boiling Range	198.0-201.0°C	198.5-200.8°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 $C_6 H_5 COOH$ )	≤ 0.001%	0.0004%	%	Titration Method

### Certification

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

Issue Date: 11 MAR 2026