

## Certificate of Analysis (COA)

### Product Information

Product Name Tetrahydrofuran (THF)  
Product Number THF-20260219  
Batch Number THF-SH2026021901  
Brand TECHPURE  
CAS Number 109-99-9  
MDL Number MFCD00005368  
Formula  $C_4H_8O$   
Formula Weight 72.11 g/mol  
Quality Release Date 19 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)	0.887-0.889 g/cm <sup>3</sup>	0.888 g/cm <sup>3</sup>	g/cm <sup>3</sup>	Density Meter
Boiling Range	65.0-67.0°C	65.5-66.8°C	°C	Distillation Test
Non-Volatile Residue	$\leq 0.005\%$	0.001%	%	Gravimetric Method
Heavy Metals (Pb)	$\leq 0.5$ ppm	0.1 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	$\leq 0.1$ ppm	0.04 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Peroxides (as H <sub>2</sub> O <sub>2</sub> )	$\leq 0.001\%$	0.0002%	%	Iodometric Titration

### Certification

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

Issue Date: 19 FEB 2026