

## Certificate of Analysis (COA)

### Product Information

Product Name	Carbon Tetrachloride (Tetrachloromethane)
Product Number	CTC-20260212
Batch Number	CTC-SH2026021201
Brand	TECHPURE
CAS Number	56-23-5
MDL Number	MFCD00000785
Formula	CCl <sub>4</sub>
Formula Weight	153.82 g/mol
Quality Release Date	12 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)	≥ 99.5%	99.6%	%	Gas Chromatography (GC)
Water Content	≤ 0.05%	0.02%	%	Karl Fischer Titration
Density (20°C)	1.593-1.595 g/cm <sup>3</sup>	1.594 g/cm <sup>3</sup>	g/cm <sup>3</sup>	Density Meter
Boiling Range	76.0-77.0°C	76.3-76.8°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	0.04 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Acidity (as HCl)	≤ 0.001%	0.0006%	%	Titration Method

### Certification

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

Issue Date: 12 FEB 2026