

Certificate of Analysis (COA)

Product Information

Product Name:Vinyl Chloride Solution (20% in Toluene)

Product Number:VC-20260401

Batch Number:VC-SH2026040101

Brand:TECHPURE

CAS Number:75-01-4

MDL Number:MFCD00000871

Formula:C₂H₃Cl (Solution in Toluene)

Formula Weight:62.50 g/mol (Pure Substance)

Quality Release Date:01 APR 2026

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Colorless to pale yellow	Colorless	-	Visual Inspection
Appearance (Form)	Clear liquid	Clear liquid	-	Visual Inspection
Vinyl Chloride Content (GC)	20.0 ± 1.0%	20.3%	%	Gas Chromatography (GC)
Toluene Content (GC)	79.0-81.0%	79.6%	%	Gas Chromatography (GC)
Water Content	≤ 0.1%	0.03%	%	Karl Fischer Titration
Density (20°C)	0.870-0.875 g/cm ³	0.872 g/cm ³	g/cm ³	Density Meter
Boiling Range	60-65°C (Toluene fraction)	61.2-64.5°C	°C	Distillation Test
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)
Non-Volatile Residue	≤ 0.005%	0.001%	%	Gravimetric Method

Certification

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

Issue Date:01 APR 2026