



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis (COA)

### Product Information

Item	Details
Product Name	Trichloroethylene
Product Number	TCE-20260211
Batch Number	TCE-SH2026021101
Brand	SIGALD
CAS Number	79-01-6
MDL Number	MFCD00000881
Formula	C <sub>2</sub> HCl <sub>3</sub>
Formula Weight	131.39 g/mol
Quality Release Date	11 FEB 2026

### Test Results

Test	Specification (Industrial Standard)	Result	Unit	Test Method
Appearance (Color)	Colorless	Colorless	-	Visual Inspection
Appearance (Form)	Clear liquid	Clear liquid	-	Visual Inspection
Assay (C <sub>2</sub> HCl <sub>3</sub> )	≥ 99.5%	99.8%	%	Gas Chromatography (GC)
Boiling Point Range	86.0-88.0°C	87.2°C	°C	Distillation Method
Specific Gravity (20/20°C)	1.460-1.465	1.463	-	Hydrometer Method
Water Content	≤ 0.05%	0.01%	%	Karl Fischer Titration
Acidity (as HCl)	≤ 0.001%	0.0003%	%	Acid-Base Titration
Residue on Evaporation	≤ 0.001%	0.0002%	%	Gravimetric Method (105°C)
Free Chlorine	Negative	Negative	-	Potassium Iodide Test
Color (APHA)	≤ 10	5	-	Colorimetric Method
Refractive Index (20°C)	1.4770-1.4790	1.4782	-	Refractometer

### Certification

This batch of Trichloroethylene has been tested in accordance with the established industrial standards and meets all specified requirements for purity, physical properties and impurity limits. It is qualified for use as industrial solvent, degreaser and chemical synthesis intermediate.

**Issue Date: 11 FEB 2026**