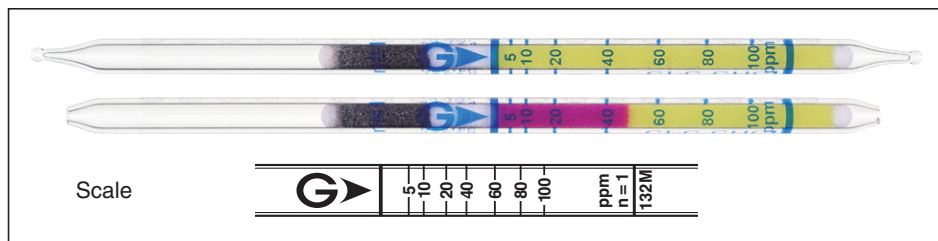


# Trichloroethylene $\text{Cl}_2\text{C}:\text{CHCl}$

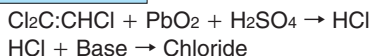
No.132M



## Performance

Measuring range	2 to 5 ppm	5 to 100 ppm	100 to 270 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	0.4	1	2.7
Sampling time	2 min	1 min	30 sec
Detecting limit :	0.4 ppm (2 pump strokes)		
Colour change :	Yellow → Reddish purple		
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 0 to 90 % correction not used		
Relative standard deviation :	10 % (for 5 to 20 ppm) , 5 % (for 20 to 100 ppm)		
Tube quantity and number of tests per box :	10 tubes for 10 tests		
Shelf life :	30 months (in the refrigerator)		

## Reaction principle



## Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Bromine, Chlorine		+	Reddish purple
Hydrogen chlorine		+	
Unsaturated halogenated hydrocarbons		+	
Acetone	$\leq 200$ ppm	No	No
Aromatic hydrocarbons	$\leq 100$ ppm	-	
Nitric oxide		No	
Nitrogen dioxide		No	

## Calibration gas generation

Diffusion tube method

## Special note

This detector tube can also be used with the Gastec Water Pollutant Analysis Systems to measure trichloroethylene in the water. With these systems, samples are collected by using a syringe.