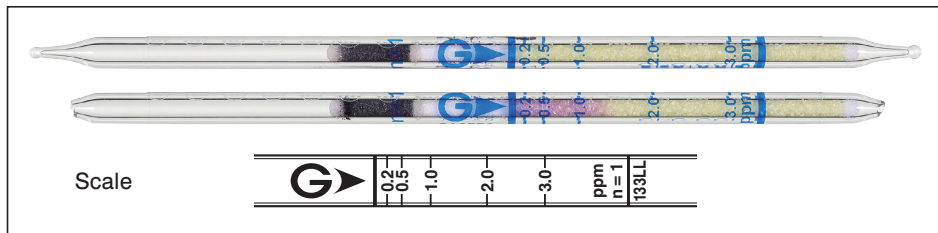


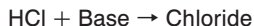
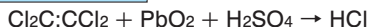
# Tetrachloroethylene $\text{Cl}_2\text{C}:\text{CCl}_2$ No.133LL



## Performance

Measuring range	0.1 to 0.2 ppm	0.2 to 3.0 ppm	3.0 to 6.6 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/2	1	2.2
Sampling time	3 min	1.5 min	45 sec
Detecting limit :	0.05 ppm (2 pump strokes)		
Colour change :	Yellow → 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 0.2 to 1 ppm), 5 % (for 1 to 3 ppm)		
Tube quantity and number of tests per box :	10 tubes for 10 tests		
Shelf life :	24 months (in the refrigerator)		

## Reaction principle



## Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Chlorine	$\geq 1/2$	+	} Purple
Hydrogen chloride	$\geq 1/2$	+	
1,2-Dichloroethylene		+	
1,1,1-Trichloroethane	$\geq 80$ ppm	No	No ( $\leq 80$ ppm)
Toluene, Xylene		No	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 tetrachloroethylene in the water. With these systems, samples are collected by using a syringe.