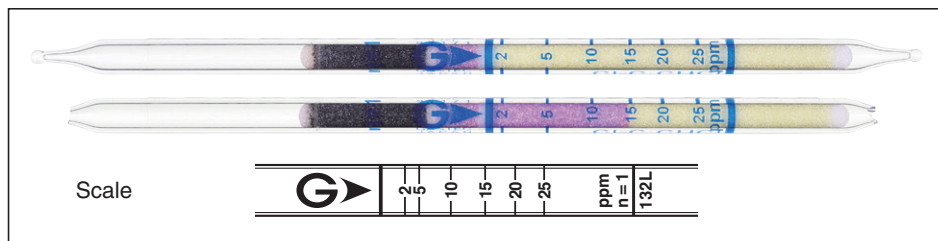


Trichloroethylene $\text{Cl}_2\text{C}:\text{CHCl}$

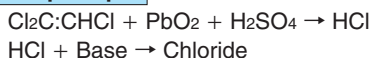
No.132L



Performance

Measuring range	0.8 to 2 ppm	2 to 25 ppm	25 to 90 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	0.4	1	3.6
Sampling time	1.5 min	45 sec	30 sec
Detecting limit :	0.4 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 2 to 5 ppm), 5 % (for 5 to 25 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		+	Purple
Hydrogen chloride		+	
Unsaturated halogenated hydrocarbons		+	
Acetone	≧ 200 ppm	No	No
Aromatic hydrocarbons	≧ 100 ppm	-	
Nitric oxide		No	
Nitrogen dioxide		No	

Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Benzyl chloride	Factor : 0.8	2	1.6 to 20 ppm

Calibration gas generation

Diffusion tube method