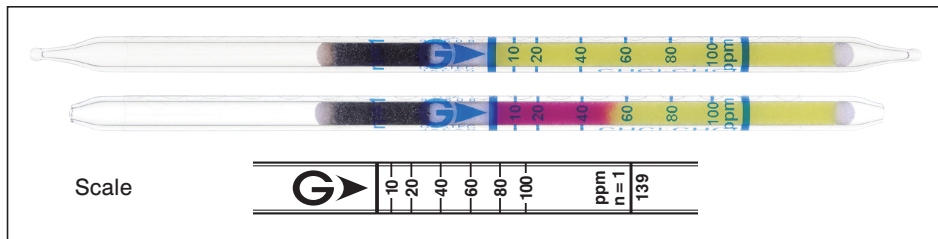


# 1,2-Dichloroethylene $\text{ClCH:CHCl}$ No.139

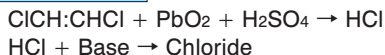


## Performance

Measuring range	5 to 10 ppm	10 to 100 ppm	100 to 250 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/2	1	2.5
Sampling time	1.5 min	45 sec	30 sec

Detecting limit :	1 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 10 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
Halogens		+	} Reddish purple
Hydrogen chloride		+	
Tetrachloroethylene		+	
Trichloroethylene		+	
Nitric oxide		No	No
Nitrogen oxides		No	No

## Calibration gas generation

Diffusion tube method