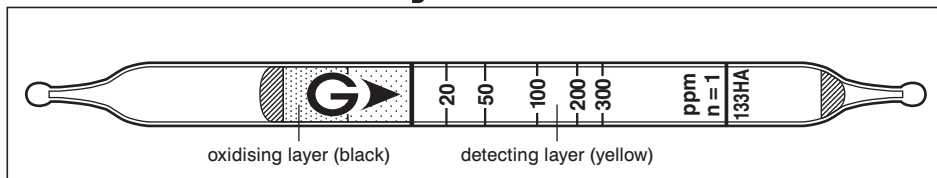


Tetrachloroethylene $\text{Cl}_2\text{C}:\text{CCl}_2$ No.133HA



Performance

Measuring range	7 to 20 ppm	20 to 300 ppm	300 to 900 ppm
Number of pump strokes	2 (200 ml)	1 (100 ml)	1/2 (50 ml)
Correction factor	1/3	1	3
Sampling time	1.5 min	45 sec	30 sec

Detecting limit : 0.5 ppm (2 pump strokes)

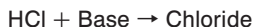
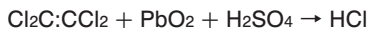
Colour change : Yellow → Reddish purple

Corrections for temperature & humidity : Temperature correction is necessary.

Relative standard deviation : 10 % (for 20 to 100 ppm), 5 % (for 100 to 300 ppm)

Shelf life : 2 years (in the refrigerator)

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Bromine, Chlorine		+	} Reddish purple
Hydrogen chloride		+	
Trichloroethylene		+	
1,1,1-Trichloroethane	≥ 3000 ppm	+	

Calibration gas generation

Diffusion tube method