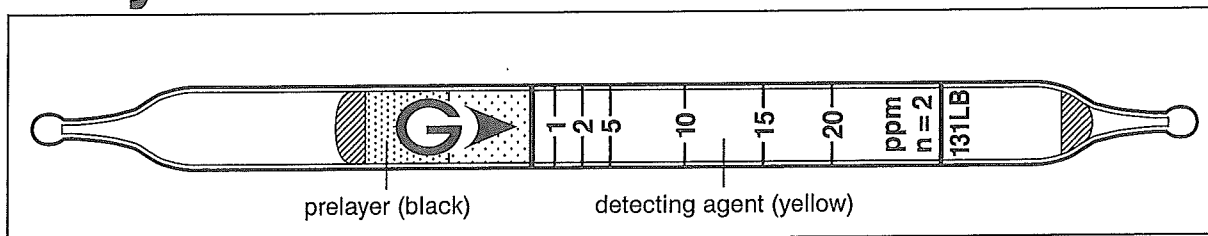


Vinyl Chloride $\text{CH}_2:\text{CHCl}$

No. 131LB



Performance

Measuring range	0.25 to 1 ppm	1 to 20 ppm	20 to 70 ppm
Number of pump strokes	4 (400 ml)	2 (200 ml)	1 (100 ml)
Correction factor	1/4	1	3.5
Sampling time	6 min	3 min	1.5 min

Detecting limit : 0.05 ppm (4 pump strokes)

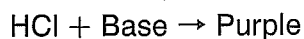
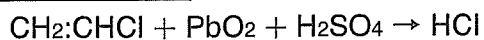
Colour change : Yellow → Purple

Corrections for temperature & humidity : Temperature correction is necessary.

Relative standard deviation : 10 % (for 1 to 5 ppm), 5 % (for 5 to 20 ppm)

Shelf life : 2 years (in the refrigerator)

Reaction principle



Possible coexisting substances and their interferences (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to
Chlorine, Hydrogen chloride	$\geq 1/10$	+	Purple
Alcohols, Esters, Ketones		No	No
1,2-Dichloroethylene	$\geq 1/10$	+	} Purple
Trichloroethylene	$\geq 1/10$	+	
Tetrachloroethylene	$\geq 1/10$	+	
Aromatic hydrocarbons		No	No

Calibration gas generation

Permeation tube method