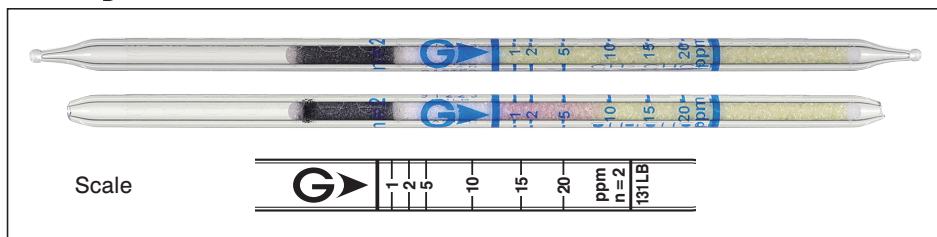


Vinyl Chloride $\text{CH}_2\text{:CHCl}$

No.131LB

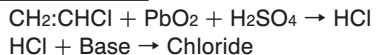


Performance

Measuring range	0.4 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	0.4	1	3.5
Sampling time	6 min	3 min	1.5 min

Detecting limit : 0.2 ppm (4 pump strokes)
 Colour change : Yellow → Purple
 Operating conditions : Temperature 5 to 40 °C (41 to 104 °F) correction used
 Relative humidity 0 to 90 % correction not used
 Relative standard deviation : 10 % (for 1 to 5 ppm), 5 % (for 5 to 20 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, 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