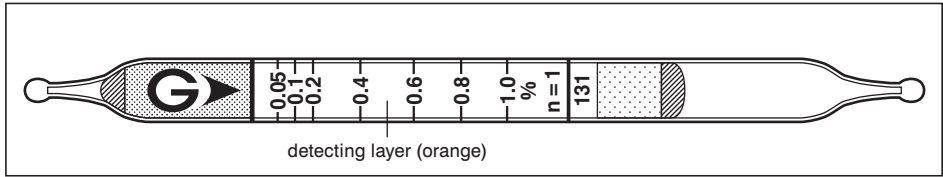


Vinyl Chloride $\text{CH}_2\text{:CHCl}$

No.131



Performance

Measuring range	0.025 to 0.05 %	0.05 to 1 %	1 to 2 %
Number of pump strokes	2 (200 ml)	1 (100 ml)	1/2 (50 ml)
Correction factor	1/2	1	2
Sampling time	2 min	1 min	45 sec

Detecting limit : 0.005 % (2 pump strokes)

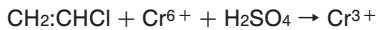
Colour change : Orange → Dark green

Corrections for temperature & humidity : Unnecessary

Relative standard deviation : 10 % (for 0.05 to 0.2 %), 5 % (for 0.2 to 1 %)

Shelf life : 3years

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Organic solvents		+	Dark green

Calibration gas generation

Static gas dilution method