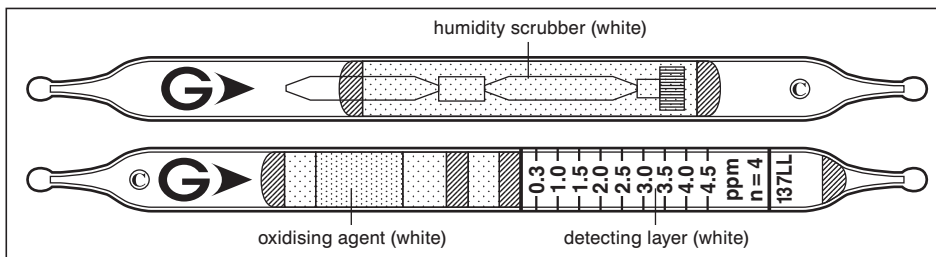


Chloroform CHCl_3

No.137LL



Performance

When used, these tubes are to be connected.

Measuring range	0.3 to 4.5 ppm
Number of pump strokes	4 (400 ml)
Correction factor	1
Sampling time	8 min
Detecting limit :	0.2 ppm (4 pump strokes)
Colour change :	White → Pale purple
Corrections for temperature & humidity :	Temperature correction is necessary.
Relative standard deviation :	10 % (for 0.3 to 1.5 ppm), 5 % (for 1.5 to 4.5 ppm)
Shelf life :	1 year (in the refrigerator)

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Chlorine	≥ 6 ppm	+	Pale purple
Bromine	≤ 4.5 ppm	No	No
Iodine	≤ 4.5 ppm	No	No
1,1,1-trichloroethane		+	Pale purple
Trichloroethylene		+	Pale purple

Calibration gas generation

Diffusion tube method