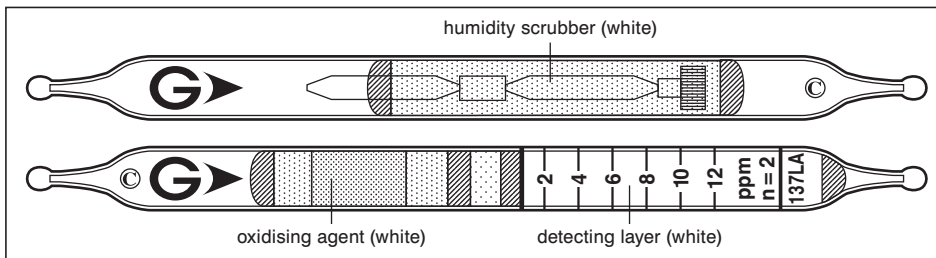


Chloroform CHCl_3

No. 137LA



Performance

When used, these tubes are to be connected.

Measuring range	0.5 to 2 ppm	2 to 12 ppm	12 to 30 ppm
Number of pump strokes	4 (400 ml)	2 (200 ml)	1 (100 ml)
Correction factor	0.25	1	2.5
Sampling time	8 min	4 min	2 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 2 to 4 ppm), 5 % (for 4 to 12 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		No	No
Bromine		No	No
Iodine		No	No
Unsaturated halogenated hydrocarbons		+	Pale purple
Saturated halogenated hydrocarbons		+	Pale purple

Calibration gas generation

Diffusion tube method