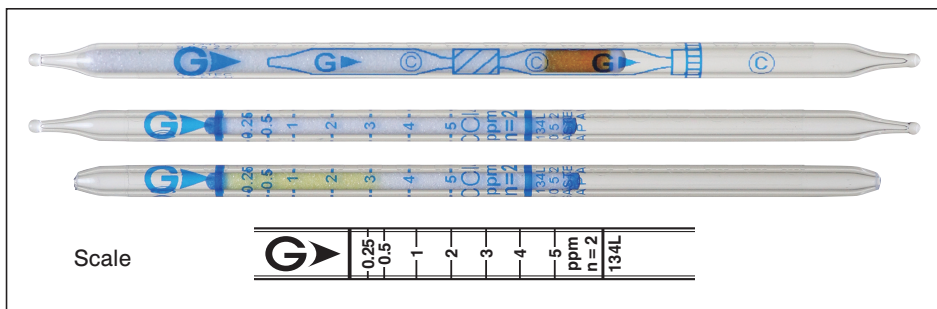


Carbon Tetrachloride CCl_4

No.134L



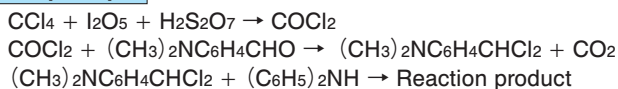
Performance

When used, these tubes are to be connected.

Measuring range	0.25 to 5 ppm	5 to 11 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)
Correction factor	1	2.2
Sampling time	4 min	2 min

Detecting limit :	0.04 ppm (2 pump strokes)
Colour change :	White → Yellow
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction not used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	10 % (for 0.25 to 1 ppm), 5 % (for 1 to 5 ppm)
Tube quantity and number of tests per box :	10 tubes for 5 tests
Shelf life :	12 months (in the refrigerator)

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Hydrogen chloride		No	No
Chlorine, Bromine	≧ 3/10	+	No (≦ 0.4 ppm)
Methyl bromide	≧ 2.5 times	+	Pale yellow (≧ 2.5 ppm)
1,1,1-Trichloroethane	≧ 14 ppm	+	No (≦ 17 ppm)

Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Chloropicrin	Factor : 1.1	2	0.28 to 5.5 ppm

Calibration gas generation

Diffusion tube method