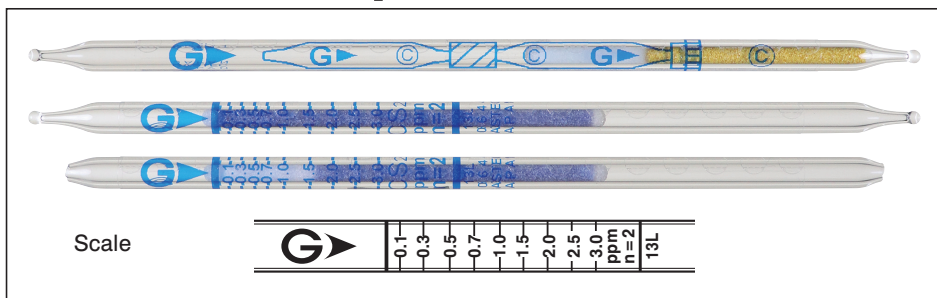


Carbon Disulphide CS₂

No.13L



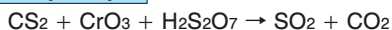
Performance

When used, these tubes are to be connected. See page 2-3.

Measuring range	0.1 to 3.0 ppm	3.0 to 8.1 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)
Correction factor	1	2.7
Sampling time	6 min	3 min

Detecting limit :	0.05 ppm (2 pump strokes)
Colour change :	Bluish purple → White
Operating conditions:	Temperature 0 to 35 °C (32 to 95 °F) correction used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	10 % (for 0.1 to 1.0 ppm), 5 % (for 1.0 to 3.0 ppm)
Tube quantity and number of tests per box :	10 tubes for 5 tests
Shelf life :	36 months

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration:	Interference	Changes colour by itself to
Chloroform	≥ 150 ppm	+	White
Carbon tetrachloride	≥ 50 ppm	+	White
o-Dichlorobenzene	20 ppm	No	No (≤ 20 ppm)
Dichloromethane	≥ 100 ppm	+	White
Tetrachloroethylene	≥ 80 ppm	+	White
Trichloroethylene	≥ 10 ppm	+	White
Hydrogen sulphide	≥ 50 ppm	+	No (≤ 50 ppm)
Acetone	750 ppm	No	No
Ethyl acetate	200 ppm	No	No
Toluene	40 ppm	No	No
n-Hexane	100 ppm	No	No
Methanol	300 ppm	No	No
Methyl ethyl ketone	250 ppm	No	No

Calibration gas generation

Permeation tube method