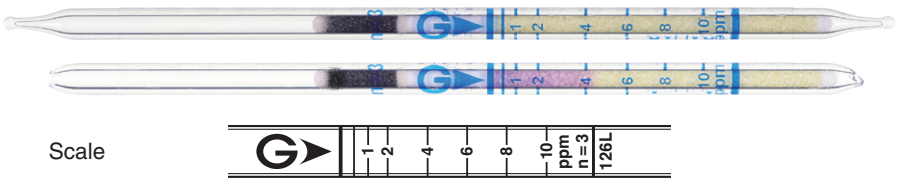
Chlorobenzene C_6H_5Cl No.126L



Performance The minimum scale value (0.5ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	(0.5) to 10 ppm	10 to 57 ppm
Number of pump strokes	3 (300 mL)	1 (100 mL)
Correction factor	1	5.7
Sampling time	4.5 min	1.5 min

Detecting limit : 0.2 ppm (3 pump strokes)
Colour change : Yellow → Pale bluish purple
Operating conditions : Temperature 0 to 40 ℃ (32 to 104 ℉) correction used
Relative humidity 0 to 90 % correction not used
Relative standard deviation : 10 % (for 0.5 to 2 ppm), 5 % (for 2 to 10 ppm)
Tube quantity and number of tests per box : 10 tubes for 10 tests
Shelf life : 24 months (in the refrigerator)

Reaction principle

$C_6H_5Cl + PbO_2 + H_2SO_4 \rightarrow HCl$
$HCl + Base \rightarrow Chloride$

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Chlorine, Hydrogen chloride		+	Pale bluish purple
Tetrachloroethylene		+	
Trichloroethylene		+	

Calibration gas generation

Diffusion tube method