

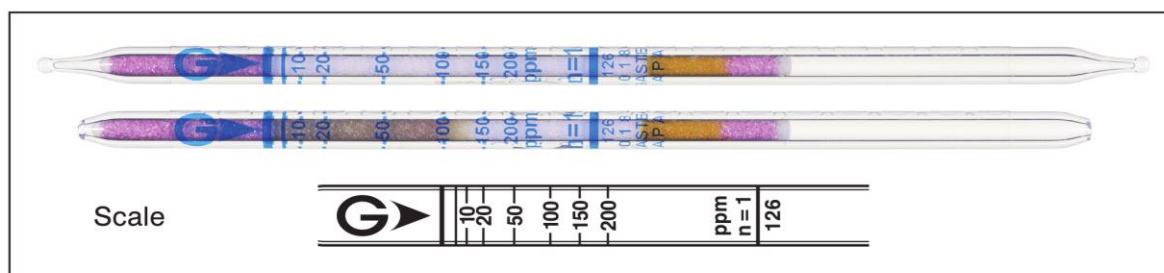


Chlorobenzene C₆H₅Cl

Part No.:126

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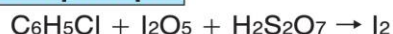
No.126



Performance The minimum scale value (5ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	2 to 5 ppm	(5) to 200 ppm	200 to 500 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	0.4	1	2.5
Sampling time	3 min	1.5 min	1 min
Detecting limit :	0.2 ppm (2 pump strokes)		
Colour change :	White → Grayish brown		
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 :	15 % (for 5 to 50 ppm), 10 % (50 to 200 ppm)		
Tube quantity and number of tests per box :	10 tubes for 10 tests		
Shelf life :	36 months		

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Aromatic hydrocarbons		+	Grayish brown
Acetylene	≧ 0.2 %	No*	Pale brown (whole layer)
Carbon monoxide	≧ 0.1 %		
Ethylene	≧ 0.2 %		
Hexane	≧ 0.2 %		
Alcohols	≧ 1 %	+	No
Esters	≧ 0.2 %	+	
Ketones	≧ 1 %	+	

* If 0.1% of Carbon monoxide or 0.2% of Acetylene, Ethylene, or Hexane is coexisting, the tube may produce two-layer. But such colour stain does not affect to the tube reading.

Calibration gas generation

Diffusion tube method