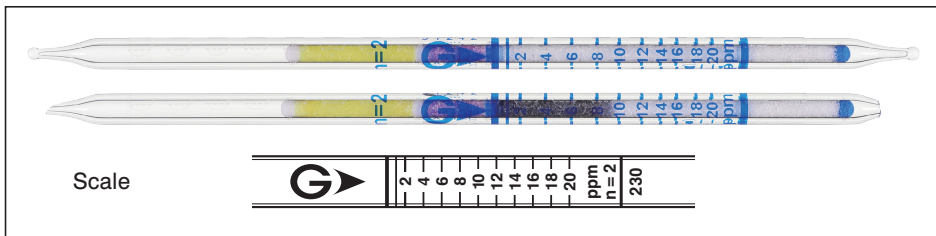


Methyl iodide CH₃I

No.230

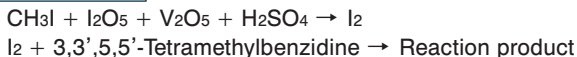


Performance The minimum scale value (1ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	0.5 to 1 ppm	(1) to 20 ppm	20 to 46 ppm	46 to 108 ppm
Number of pump strokes	4 (400 mL)	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	0.5	1	2.3	5.4
Sampling time	6 min	3 min	1.5 min	45 sec

Detecting limit :	0.2 ppm (4 pump strokes)
Colour change :	White → Gray
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	5 % (for 1 to 20 ppm)
Tube quantity and number of tests per box :	10 tubes for 10 tests
Shelf life :	24 months (in the refrigerator)

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Chlorine	≥ 1/1	+ (Two layers)	Brown (turns pale blue after a few minutes)
Nitrogen dioxide	≥ 1/1	- (Two layers)	Pink
Methyl bromide	≥ 30 ppm	No	} No
Dichloromethane	≥ 50 ppm	No	
Carbon dioxide	≥ 1 %	No	

Calibration gas generation

Diffusion tube method