

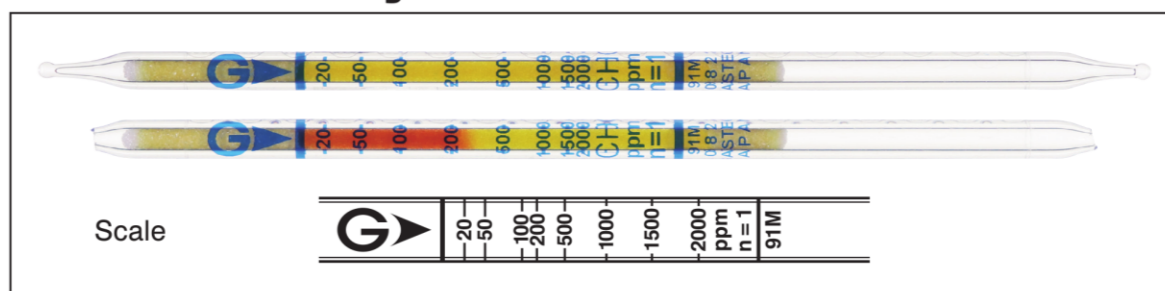


Formaldehyde HCHO

Part No.: 91M

Formaldehyde HCHO

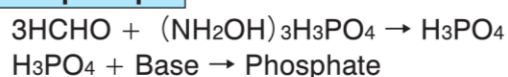
No.91M



Performance

Measuring range	8 to 20 ppm	20 to 2000 ppm	2000 to 6400 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	0.4	1	3.2
Sampling time	2 min	1 min	30 sec
Detecting limit :	4 ppm (2 pump strokes)		
Colour change :	Yellow → Red		
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 0 to 80 % correction not used		
Relative standard deviation :	10 % (for 20 to 500 ppm) , 5 % (for 500 to 2000 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
Acrolein	≥ 5 times	+	Red (≥ 20 ppm)
Acetaldehyde	$\geq 1/6$	+	Red (≥ 3 ppm)

Calibration gas generation

Diffusion tube method