

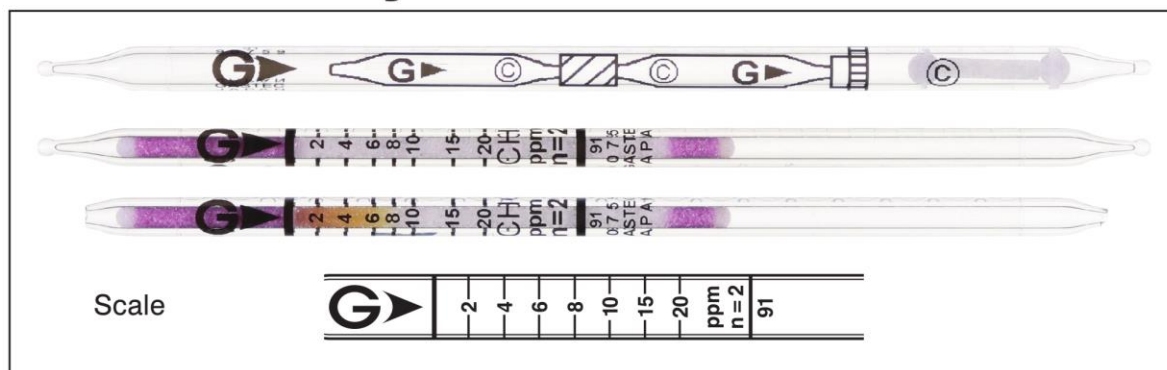


## Formaldehyde HCHO

Part No.: 91

# Formaldehyde HCHO

No.91



### Performance

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

Measuring range	2 to 20 ppm	20 to 50 ppm	50 to 100 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1	2.5	5
Sampling time	1.5 min	45 sec	30 sec
Detecting limit :	0.5 ppm (2 pump strokes)		
Colour change :	White → 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 2 to 6 ppm), 10 % (for 6 to 20 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
Aldehydes	$\geq 1/2$	+	Brown
Styrene			Yellow ( $\geq 500$ ppm)
Esters, Ethers, Ketones	$\geq 1000$ ppm	+	No

### Calibration gas generation

Diffusion tube method