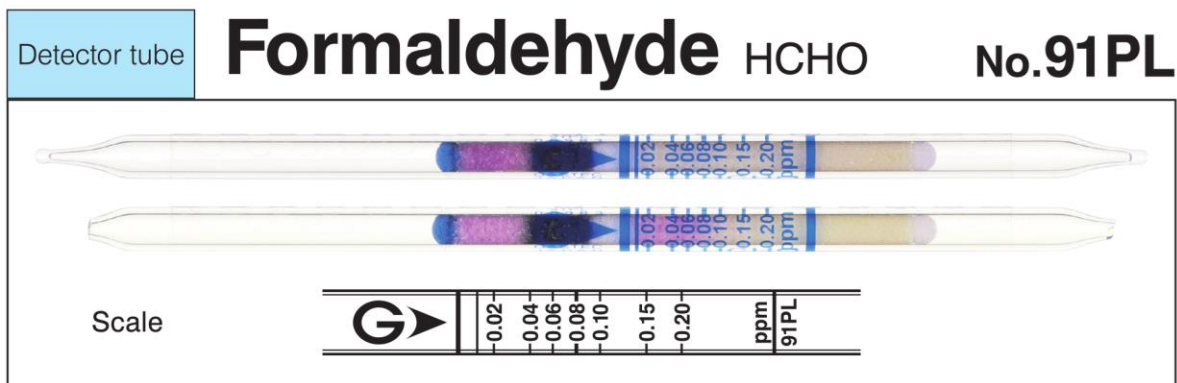




Formaldehyde HCHO

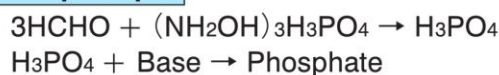
Part No.: 91PL



Performance The minimum scale value (0.01ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	(0.01) to 0.20 ppm	0.20 to 0.80 ppm
Sampling rate	200 mL/min (6000 mL)	200 mL/min (2000 mL)
Correction factor	1	4
Sampling time	30 min	10 min
Detecting limit :	0.005 ppm (6000 mL)	
Colour change :	Pale yellow → Pink	
Operating conditions :	Temperature 5 to 35 °C (41 to 95 °F) correction used Relative humidity 20 to 90 % correction not used	
Relative standard deviation :	10 % (for 0.01 to 0.06 ppm), 5 % (for 0.06 to 0.2 ppm)	
Tube quantity and number of tests per box :	10 tubes for 10 tests	
Shelf life :	12 months (in the refrigerator)	

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Ammonia	≤ 2 ppm	No	No
Nitrogen dioxide	≤ 1 ppm	No	No
Acetaldehyde		+	Pink
Acetone	≤ 0.3ppm	No	Pink around inlet
Ethanol		No	No
Ethyl acetate		No	No
p-Dichlorobenzene		No	No
Toluene		No	No

Calibration gas generation

Permeation tube method