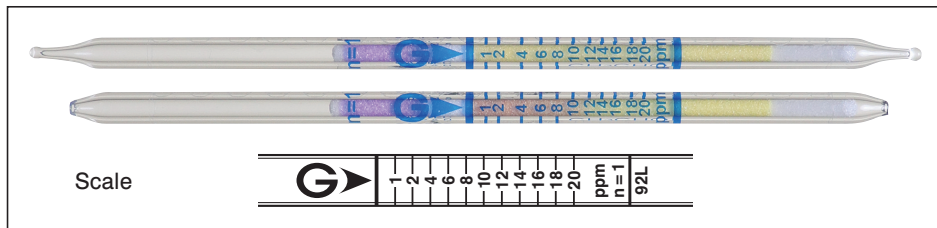


Acetaldehyde CH₃CHO

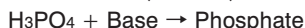
No.92L



Performance

Measuring range	1 to 20 ppm
Number of pump strokes	1 (100 mL)
Correction factor	1
Sampling time	2 min
Detecting limit :	0.2 ppm (1 pump stroke)
Colour change :	Yellow → Reddish brown
Operating conditions :	Temperature 5 to 40 °C (41 to 104 °F) correction used Relative humidity 20 to 90 % correction not used
Relative standard deviation :	10 % (for 1 to 6 ppm), 5 % (for 6 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
Ammonia	≧ 30ppm	No	No
Acetic acid	≧ 2 times	+	Reddish brown
Acids		+	Reddish brown
Aldehydes		+	Reddish brown
Ketones		+	Reddish brown

Calibration gas generation

Diffusion tube method