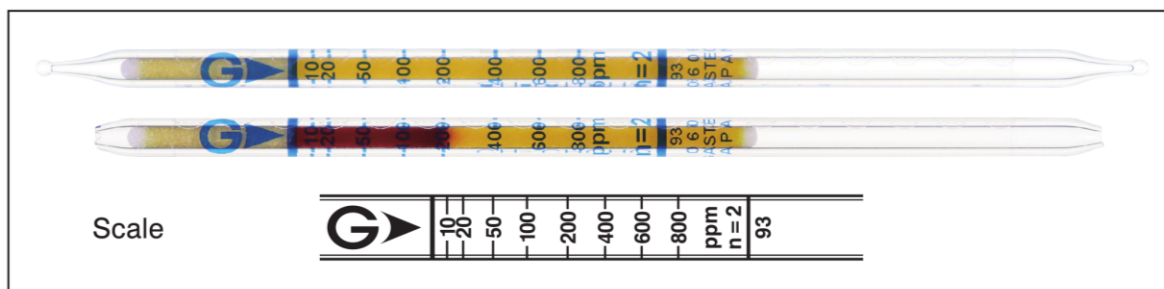
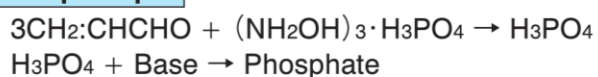


**Acrolein CH₂:CHCHO****Part No.: 93****Acrolein** CH₂:CHCHO**No.93****Performance**

Measuring range	3.3 to 10 ppm	10 to 800 ppm
Number of pump strokes	4 (400 mL)	2 (200 mL)
Correction factor	1/3	1
Sampling time	8 min	4 min
Detecting limit :	2ppm (4 pump strokes)	
Colour change :	Yellow → Red	
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 0 to 90 % correction not used	
Relative standard deviation :	10 % (for 10 to 200 ppm) , 5 % (for 200 to 800 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
Acetaldehyde	$\geq 1/5$	+	} Red
Acetone	$\geq 1/1$	+	
Methyl ethyl ketone	≥ 3 times	+	
Ammonia		-	} No
Sulphur dioxide	$\geq 1/5$	+	

Calibration gas generation

High pressure gas cylinder method