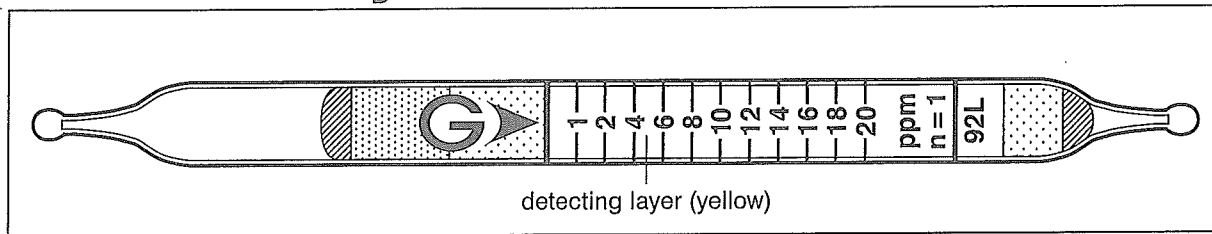


Acetaldehyde CH₃CHO

No.92L

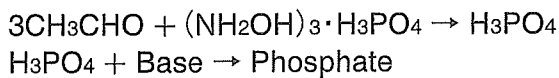


Performance

Measuring range	1 to 20 ppm
Number of pump strokes	1 (100ml)
Correction factor	1
Sampling time	2 min

Detecting limit : 0.2 ppm (1 pump stroke)
 Colour change : Yellow → Brown
 Corrections for temperature & humidity : Temperature correction is necessary.
 Relative standard deviation : 10 % (for 1 to 6 ppm), 5 % (for 6 to 20 ppm)
 Shelf life : 2 years (in the refrigerator)

Reaction principle



Possible coexisting substances and their interferences (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to
Ammonia	≤ 30ppm	No	No
Acetic Acid	≥ 2 times	+	Brown
Acids		+	Brown
Aldehydes		+	Brown
Ketones		+	Brown

Calibration gas generation

Diffusion tube method