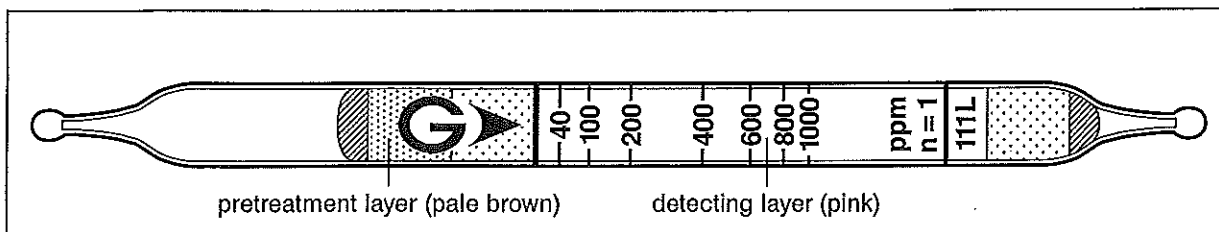


Methanol CH₃OH

No.111L



Performance

Measuring range	20 to 40 ppm	40 to 1000 ppm
Number of pump strokes	2 (200 ml)	1 (100 ml)
Correction factor	1/2	1
Sampling time	6 min	3 min

Detecting limit : 5 ppm (2 pump strokes)

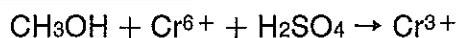
Colour change : Pink → Pale blue

Corrections for temperature & humidity : Temperature correction is necessary.

Relative standard deviation : 15 % (for 40 to 200 ppm), 10% (for 200 to 1000 ppm)

Shelf life : 3 years

Reaction principle



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

Substance	Concentration	Interference	Changes colour by itself to
Alcohols		+	Pale blue

Water vapour is trapped in the pretreatment (pale brown) layer.

Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Ethylene chlorohydrin	by scale	3	20 to 200 ppm

Callbration gas generation

Diffusion tube method