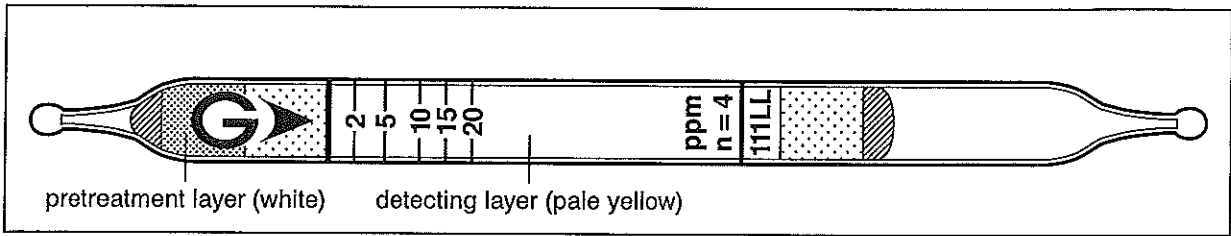


Methanol CH₃OH

No.111LL



Performance

Measuring range	2 to 20 ppm	20 to 56 ppm
Number of pump strokes	4 (400 ml)	2 (200 ml)
Correction factor	1	2.8
Sampling time	8 min	4 min

Detecting limit : 0.2 ppm (4 pump strokes)

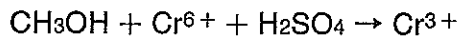
Colour change : Pale yellow → Pale bluish green

Corrections for temperature & humidity : Temperature correction is necessary.

Relative standard deviation : 15 % (for 2 to 5 ppm), 10 % (for 5 to 20 ppm)

Shelf life : 2 years

Reaction principle



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

Substance	Concentration	Interference	Changes colour by itself to
Alcohols		+	} Pale bluish green
Aromatic hydrocarbons		+	

Water vapour is trapped in the pretreatment (white) layer.

Calibration gas generation

Diffusion tube method