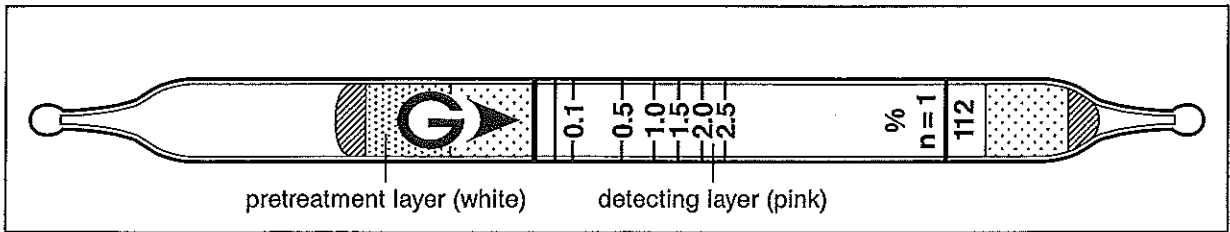


Ethanol C₂H₅OH

No.112



Performance

Measuring range	0.01 to 0.05 %	(0.05) to 2.5 %	2.5 to 7.5 %
Number of pump strokes	2 (200 ml)	1 (100 ml)	1/2 (50 ml)
Correction factor	0.2	1	3
Sampling time	2 min	1 min	30 sec

Detecting limit : 0.004 % (2 pump strokes)

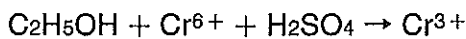
Colour change : Pink → Pale blue

Corrections for temperature & humidity : Temperature correction is necessary.

Relative standard deviation : 15 % (for 0.05 to 0.5 %), 10 % (for 0.5 to 2.5 %)

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
Carbon dioxide		No	} No
Carbon monoxide		No	

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

Calibration gas generation

Static gas dilution method