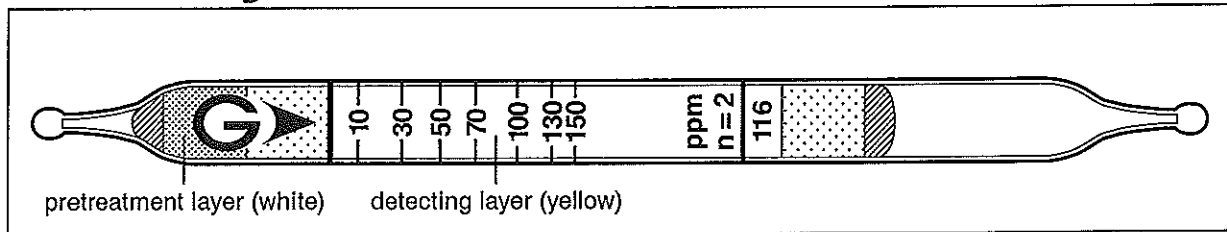


Isobutyl Alcohol $(\text{CH}_3)_2\text{CHCH}_2\text{OH}$ or i-C₄H₉OH

No.116



Performance

Measuring range	10 to 150 ppm
Number of pump strokes	2 (200 ml)
Correction factor	1
Sampling time	4 min
Detecting limit :	1 ppm (2 pump strokes)
Colour change :	Yellow → Pale blue
Corrections for temperature & humidity :	Temperature correction is necessary.
Relative standard deviation :	15 % (for 10 to 50 ppm), 10 % (for 50 to 150 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 (white) layer.

Calibration gas generation

Diffusion tube method