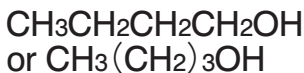
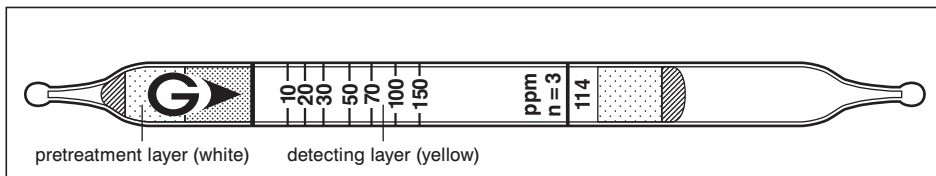


1-Butanol



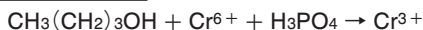
No.114



Performance

Measuring range	10 to 150 ppm
Number of pump strokes	3 (300 ml)
Correction factor	1
Sampling time	6 min
Detecting limit :	1 ppm (3 pump strokes)
Colour change :	Yellow → Pale blue
Corrections for temperature & humidity :	Temperature correction is necessary.
Relative standard deviation :	15 % (for 2.5 to 30 ppm), 10 % (for 30 to 150 ppm)
Shelf life :	3 years

Reaction principle



Possible coexisting substances and their interferences

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