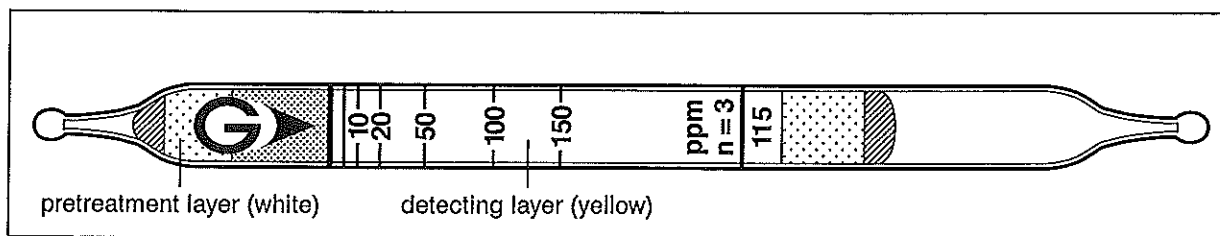


2-Butanol $\text{CH}_3\text{CH}_2\text{CH}(\text{OH})\text{CH}_3$

No.115

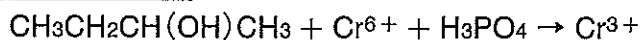


Performance

Measuring range	(5) 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 5 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