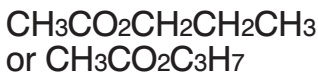
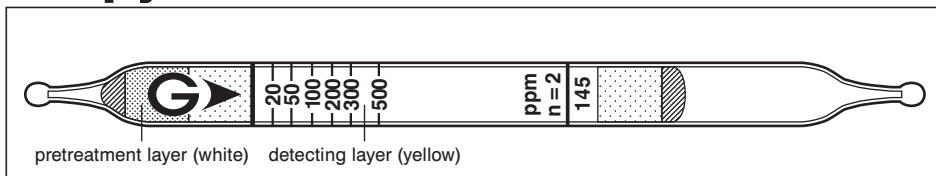


Propyl Acetate



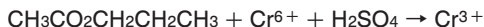
No.145



Performance

Measuring range	20 to 500 ppm
Number of pump strokes	2 (200 ml)
Correction factor	1
Sampling time	4 min
Detecting limit :	4 ppm (2 pump strokes)
Colour change :	Yellow → Blackish brown (few minutes later) → Pale blue
Corrections for temperature & humidity :	Temperature correction is necessary.
Relative standard deviation :	15 % (for 20 to 100 ppm), 10 % (for 100 to 500 ppm)
Shelf life :	2 years

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Alcohols		+	} Dark brown (few minutes later) → Pale blue
Esters		+	
Ketones		+	

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

Calibration gas generation

Diffusion tube method