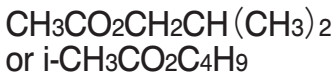
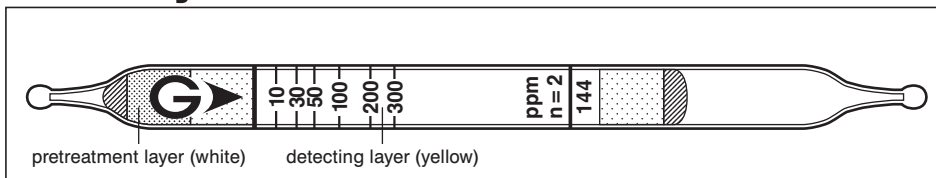


Isobutyl Acetate



No. 144



Performance

Measuring range	10 to 300 ppm
Number of pump strokes	2 (200 ml)
Correction factor	1
Sampling time	4 min

Detecting limit : 2 ppm (2 pump strokes)

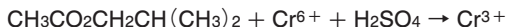
Colour change : Yellow → Blackish brown
(few minutes later) → Pale blue

Corrections for temperature & humidity : Temperature correction is necessary.

Relative standard deviation : 15 % (for 10 to 100 ppm), 10 % (100 to 300 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