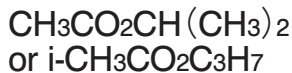
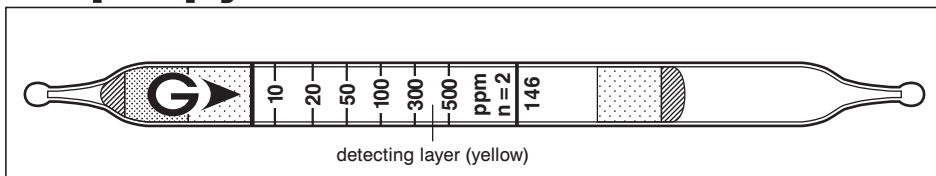


# Isopropyl Acetate



No.146



## Performance

Measuring range	10 to 500 ppm
Number of pump strokes	2 (200 ml)
Correction factor	1
Sampling time	4 min
Detecting limit :	5 ppm (2 pump strokes)
Colour change :	Yellow → Blackish brown
Corrections for temperature & humidity :	Temperature correction is necessary.
Relative standard deviation :	15 % (for 10 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		+	Blackish brown then turns to pale blue
Esters		+	
Ketones		+	

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

## Calibration gas generation

Diffusion tube method