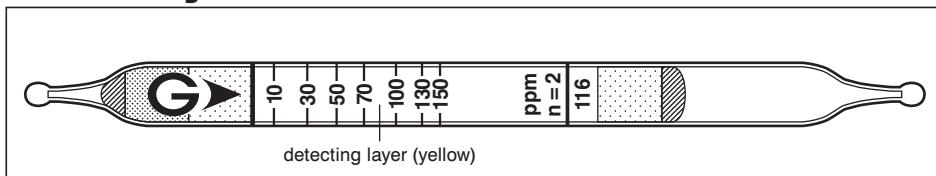


# Isobutyl Alcohol $(\text{CH}_3)_2\text{CHCH}_2\text{OH}$ or $i\text{-C}_4\text{H}_9\text{OH}$

No.116



## Performance

Measuring range	4 to 10 ppm	10 to 150 ppm
Number of pump strokes	4 (400 ml)	2 (200 ml)
Correction factor	0.4	1
Sampling time	8 min	4 min

Detecting limit : 3 ppm (4 pump strokes)  
 Colour change : Yellow → Pale blue  
 Corrections for temperature & humidity : Temperature correction is necessary.  
 Relative standard deviation : 15 % (for 10 to 50 ppm), 10 % (for 50 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

## Calibration gas generation

Diffusion tube method