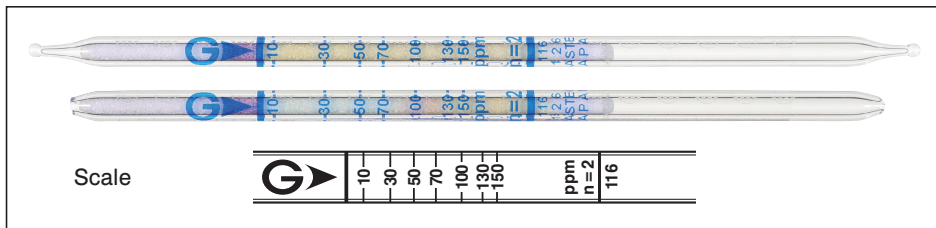


# Isobutyl Alcohol $(\text{CH}_3)_2\text{CHCH}_2\text{OH}$ or i-C<sub>4</sub>H<sub>9</sub>OH

No.116



## Performance

Measuring range	3.7 to 10 ppm	10 to 150 ppm
Number of pump strokes	4 (400 mL)	2 (200 mL)
Correction factor	0.37	1
Sampling time	8 min	4 min
Detecting limit :	3 ppm (4 pump strokes)	
Colour change :	Yellow → Pale blue	
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 0 to 90 % correction not used	
Relative standard deviation :	15 % (for 10 to 50 ppm), 10 % (for 50 to 150 ppm)	
Tube quantity and number of tests per box :	10 tubes for 10 tests	
Shelf life :	36 months	

## 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