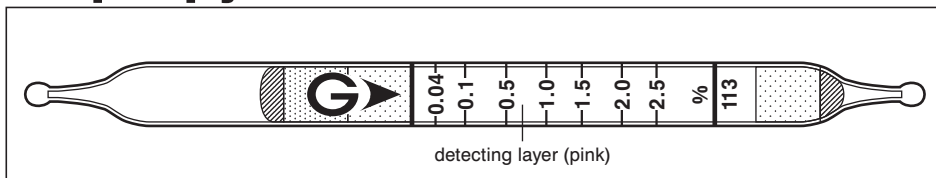


# Isopropyl Alcohol $\text{CH}_3\text{CH}(\text{OH})\text{CH}_3$ or $\text{i-C}_3\text{H}_7\text{OH}$

No.113



## Performance

Measuring range	0.02 to 0.04 %	0.04 to 2.5 %	2.5 to 5.0 %
Number of pump strokes	2 (200 ml)	1 (100 ml)	1/2 (50 ml)
Correction factor	1/2	1	2
Sampling time	2 min	1 min	30 sec

Detecting limit : 0.004 % (2 pump strokes)  
 Colour change : Pink → Pale blue  
 Corrections for temperature & humidity : Temperature correction is necessary.  
 Relative standard deviation : 15 % (for 0.04 to 0.5 %), 10 % (for 0.5 to 2.5 %)  
 Shelf life : 3 years

## Reaction principle



## Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Alcohols		+	Pale blue
Carbon dioxide		No	} No
Carbon monoxide		No	

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

## Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Propyl alcohol	Factor : 1.0	1	0.04 to 2.5 %

## Calibration gas generation

Static gas dilution method