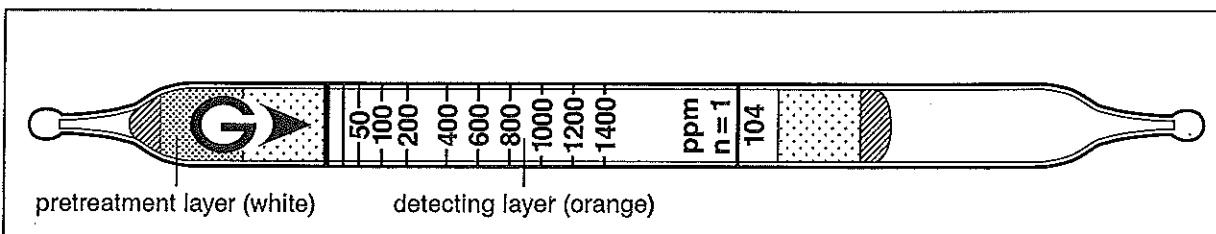


# Butane C<sub>4</sub>H<sub>10</sub>

No. 104

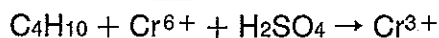


## Performance

Measuring range	(25) to 1400 ppm
Number of pump strokes	1 (100 ml)
Correction factor	1
Sampling time	3 min

Detecting limit : 5 ppm (1 pump stroke)  
Colour change : Orange → Dark green  
Corrections for temperature & humidity : Unnecessary  
Relative standard deviation : 10 % (for 25 to 400 ppm), 5 % (for 400 to 1400 ppm)  
Shelf life : 3 years

## Reaction principle



## Possible coexisting substances and their interferences (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to
Organic solvents		+	Dark green

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

## Other substances measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Isobutane	Factor : 2.2	1	55 to 3080 ppm
Pentane	Factor : 1.2	1	30 to 1680 ppm

## Calibration gas generation

Static gas dilution method