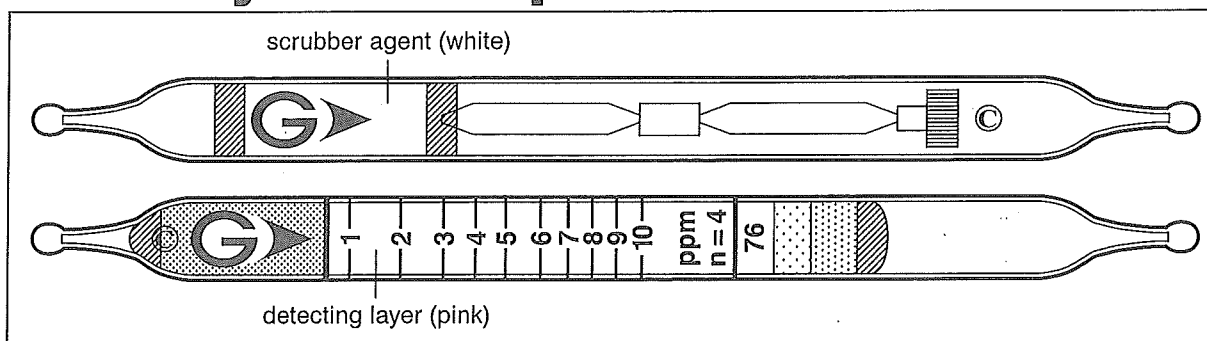


Tetrahydrothiophene C_4H_8S

No.76



Performance

When used, these tubes are to be connected. See page 2-3.

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

Detecting limit : 0.25 ppm (4 pump strokes)

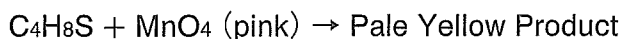
Colour change : Pink → Pale yellow

Corrections for temperature & humidity : Temperature correction is necessary.

Relative standard deviation : 10 % (for 1 to 3 ppm), 5 % (for 3 to 10 ppm)

Shelf life : 2 years

Reaction principle



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

Substance	Concentration	Interference	Changes colour by itself to
Hydrogen sulphide	≤ 30 ppm	No	} Pale pink (whole layer)
Ethyl mercaptan	≤ 1 ppm	No	
Ethylene	≤ 1000 ppm	No	
Propylene	≤ 500 ppm	No	
Methanol	≤ 300 ppm	No	

Calibration gas generation

Diffusion tube method