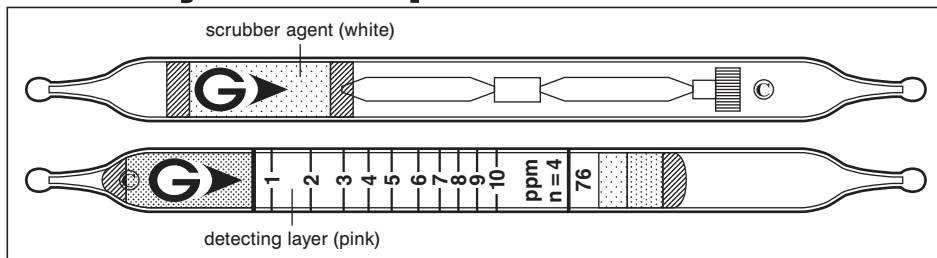


Tetrahydrothiophene C_4H_8S

No.76

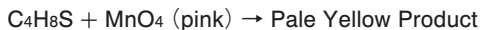


Performance

When used, these tubes are to be connected.

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

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