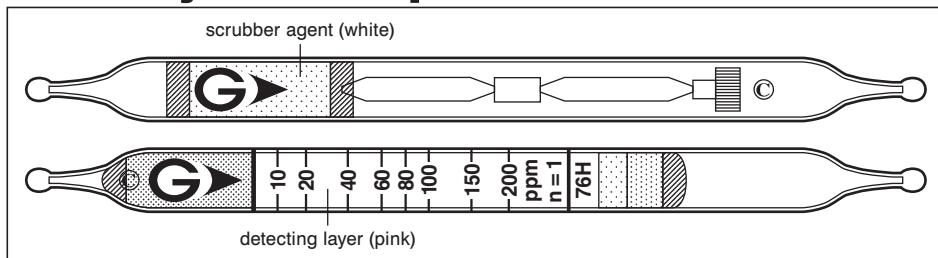


Tetrahydrothiophene C_4H_8S

No.76H

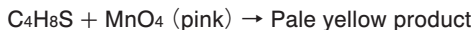


Performance

When used, these tubes are to be connected.

Measuring range	10 to 200 ppm
Number of pump strokes	1 (100 ml)
Correction factor	1
Sampling time	1 min
Detecting limit :	2 ppm (1 pump stroke)
Colour change :	Pink → Pale yellow
Corrections for temperature & humidity :	Temperature correction is necessary.
Relative standard deviation :	10 % (for 10 to 60 ppm), 5 % (60 to 200 ppm)
Shelf life :	2 years

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Hydrogen sulphide	≤ 300 ppm	No	} Pale pink (whole layer)
Ethyl mercaptan	≤ 3 ppm	No	
Ethylene	≤ 5000 ppm	No	
Propylene	≤ 2000 ppm	No	
Methanol	≤ 2000 ppm	No	

Calibration gas generation

Diffusion tube method