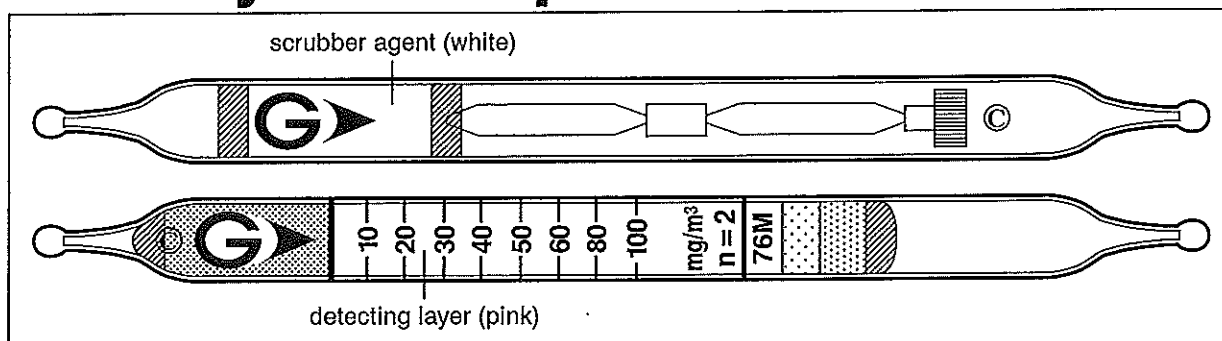


Tetrahydrothiophene C_4H_8S

No. 76M



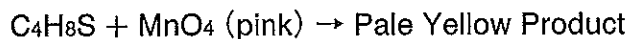
Performance

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

Measuring range	10 to 100 mg/m ³
Number of pump strokes	2 (200 ml)
Correction factor	1
Sampling time	2 min

Detecting limit : 2 mg/m³ (2 pump strokes)
 Colour change : Pink → Pale yellow
 Corrections for temperature & humidity : Temperature correction is necessary.
 Relative standard deviation : 10 % (for 10 to 30 mg/m³), 5 % (for 30 to 100 mg/m³)
 Shelf life : 2 years

Reaction principle



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

Substance	Concentration	Interference	Changes colour by itself to
1-Butene	≦ 1000 ppm	No	} Pale pink (whole layer)
tert-Butyl mercaptan	≦ 10 mg/m ³	No	
Ethyl mercaptan	≦ 2 ppm	No	
Ethylene	≦ 2000 ppm	No	
Propylene	≦ 1000 ppm	No	
Methanol	≦ 1000 ppm	No	
Hydrogen sulphide	≦ 80 ppm	No	

Calibration gas generation

Diffusion tube method