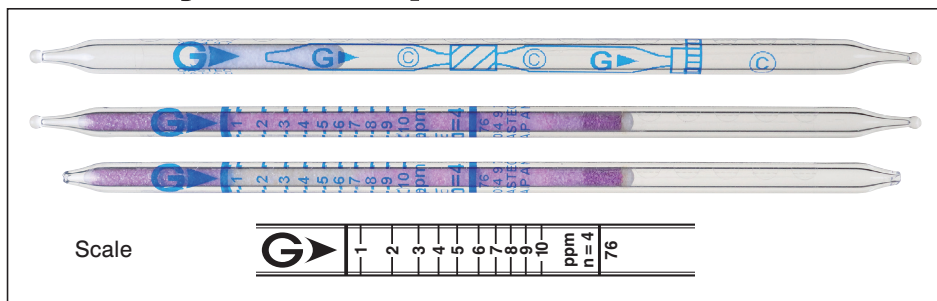


Tetrahydrothiophene C_4H_8S

No.76



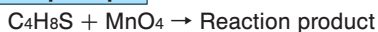
Performance

When used, these tubes are to be connected.

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

Detecting limit :	0.25 ppm (4 pump strokes)
Colour change :	Pink → Pale yellow
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	10 % (for 1 to 3 ppm), 5 % (for 3 to 10 ppm)
Tube quantity and number of tests per box :	10 tubes for 5 tests
Shelf life :	24 months

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