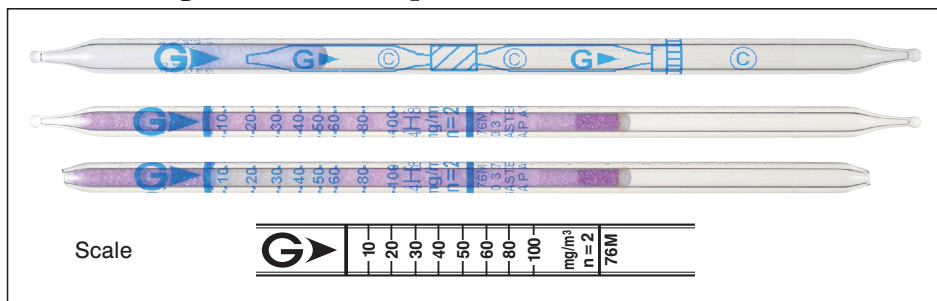


Tetrahydrothiophene C₄H₈S

No.76M

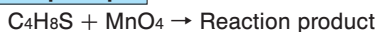


Performance

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/m ³ (2 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 10 to 30 mg/m ³), 5 % (for 30 to 100 mg/m ³)
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
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