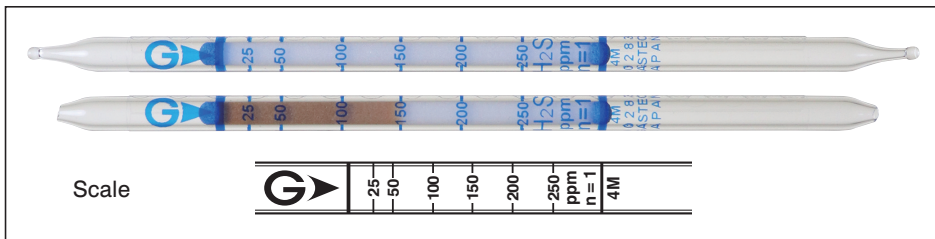


# Hydrogen Sulphide H<sub>2</sub>S

No.4M

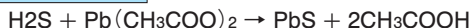


## Performance

Measuring range	12.5 to 25 ppm	25 to 250 ppm	250 to 500 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/2	1	2
Sampling time	1.5 min	45 sec	30 sec

Detecting limit :	2.5 ppm (2 pump strokes)
Colour change :	White → Brown
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction not used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	5 % (for 25 to 250 ppm)
Tube quantity and number of tests per box :	10 tubes for 10 tests
Shelf life :	36 months

## Reaction principle



## Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Nitrogen dioxide	≪ 1/4	-	} No
Sulphur dioxide	≪ 1/1	+	
Mercaptans		No	

## Calibration gas generation

Permeation tube method