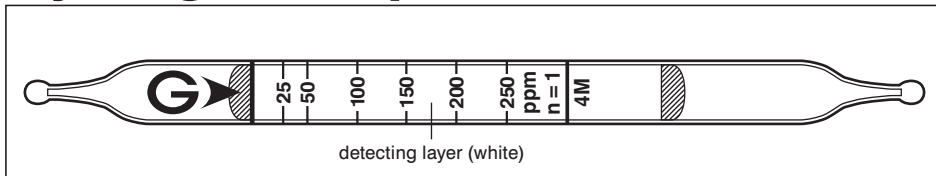


# Hydrogen Sulphide H<sub>2</sub>S

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)

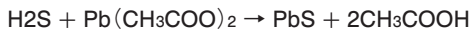
Colour change : White → Brown

Corrections for temperature & humidity : Unnecessary

Relative standard deviation : 5 % (for 25 to 250 ppm)

Shelf life : 3 years

## 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