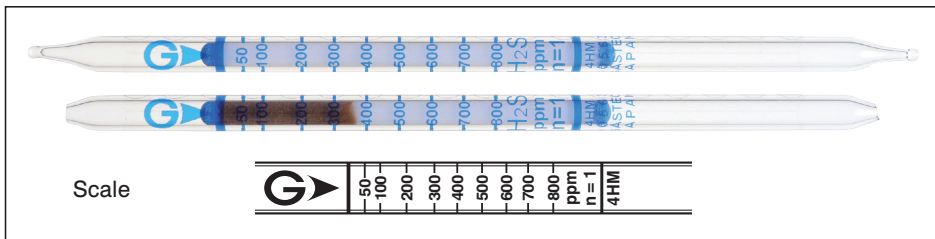


Hydrogen Sulphide H₂S

No.4HM

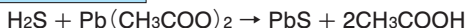


Performance

Measuring range	25 to 50 ppm	50 to 800 ppm	800 to 1600 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 :	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 50 to 800 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	+	
Ammonia		No	
Carbon dioxide		No	
Carbon monoxide		No	
Mercaptans		No	
Organic gases & vapours		No	

Calibration gas generation

Permeation tube method