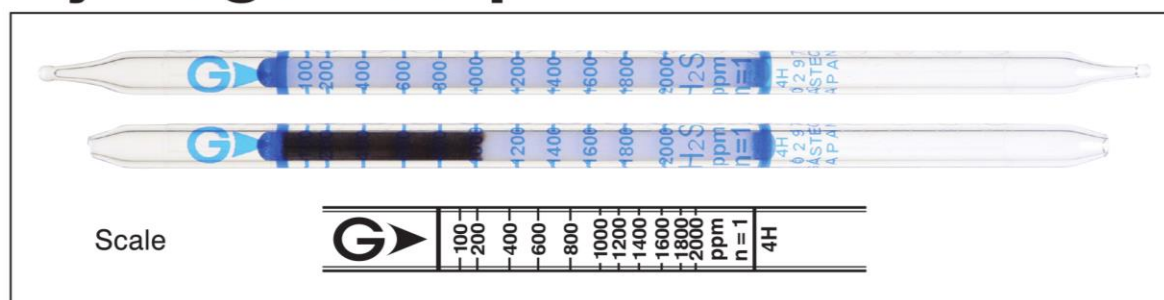




Hydrogen Sulphide H₂S

Part No.: 4H

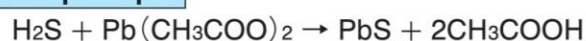
Hydrogen Sulphide H₂S No.4H



Performance

Measuring range	10 to 100 ppm	100 to 2000 ppm	2000 to 4000 ppm
Number of pump strokes	2 to 10 (200 to 1000 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/2 to 1/10	1	2
Sampling time	1.5 to 7.5 min	45 sec	30 sec
Detecting limit :	2 ppm (10 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 100 to 2000 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
Sulphur dioxide	$\geq 1/1$	+	No
Ammonia		No	
Carbon dioxide		No	
Carbon monoxide		No	
Mercaptans		No	
Organic gases & vapours		No	
Nitrogen dioxide	$\geq 1/4$	—	

Calibration gas generation

Static gas dilution method