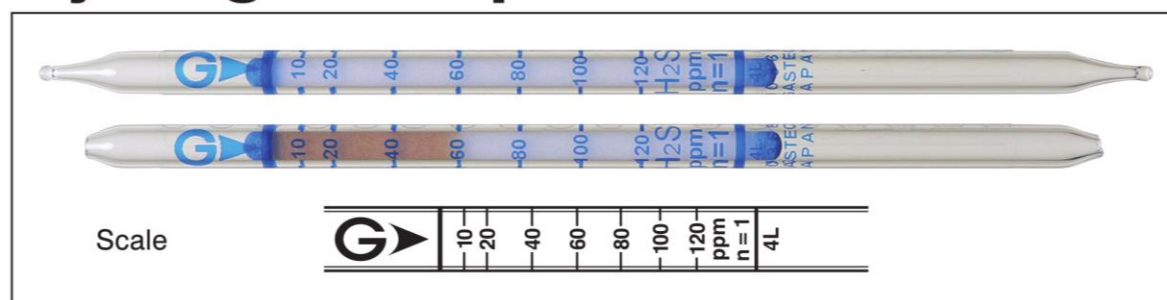




Hydrogen Sulphide H₂S

Part No.: 4L

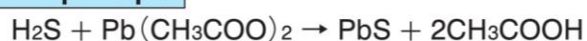
Hydrogen Sulphide H₂S No.4L



Performance

Measuring range	1 to 10 ppm	10 to 120 ppm	120 to 240 ppm
Number of pump strokes	2 to 10 (200 to 1000mL)	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 :	0.2 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 10 to 120 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	$\geq 1/4$	—	No
Sulphur dioxide	$\geq 1/1$	+	
Mercaptans		No	
Hydrogen chloride		Bleaching	

Calibration gas generation

Permeation tube method