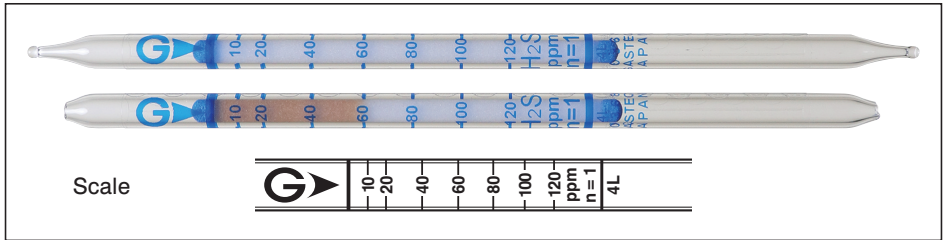


# Hydrogen Sulphide H<sub>2</sub>S

No.4L

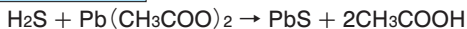


## Performance

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	≧ 1/4	-	} No
Sulphur dioxide	≧ 1/1	+	
Mercaptans		No	
Hydrogen chloride		Bleaching	

## Calibration gas generation

Permeation tube method