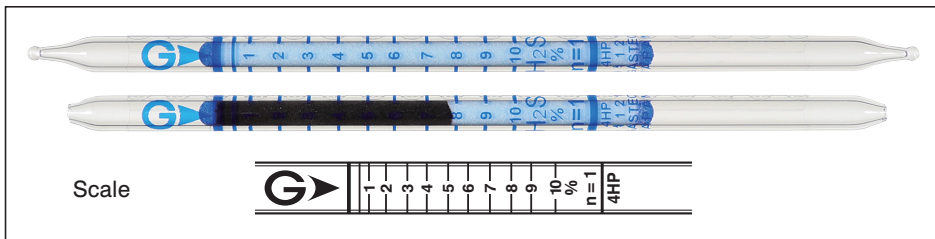


# Hydrogen Sulphide H<sub>2</sub>S

No.4HP

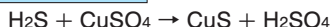


**Performance** The minimum scale value (0.5%) is not printed on the tube, but only the scale line is printed.

Measuring range	0.25 to 0.5 %	(0.5) to 10 %	10 to 20 %
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/2	1	2
Sampling time	6 min	3 min	1.5 min

Detecting limit : 0.1 % (2 pump strokes)  
 Colour change : Pale blue → Blackish 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 : 10 % (for 0.5 to 3 %), 5 % (for 3 to 10 %)  
 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
Ammonia		Two layers (Blackish brown & dark blue)	Dark blue
Mercaptans	≧ 5 %	+	} No
Sulphur dioxide	≧ 2.5 %	-	

## Calibration gas generation

High pressure gas cylinder method