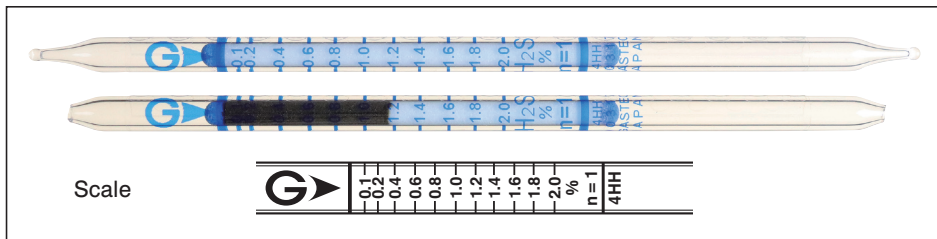


# Hydrogen Sulphide H<sub>2</sub>S

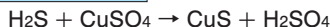
No.4HH



## Performance

Measuring range	0.1 to 2.0 %	2.0 to 4.0 %
Number of pump strokes	1 (100 mL)	1/2 (50 mL)
Correction factor	1	2
Sampling time	45 sec	30 sec
Detecting limit :	0.01 % (1 pump stroke)	
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 0.1 to 0.6 %), 5 % (for 0.6 to 2 %)	
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	IV 1 %	+	} No
Sulphur dioxide	IV 0.5 %	-	

## Calibration gas generation

High pressure gas cylinder method