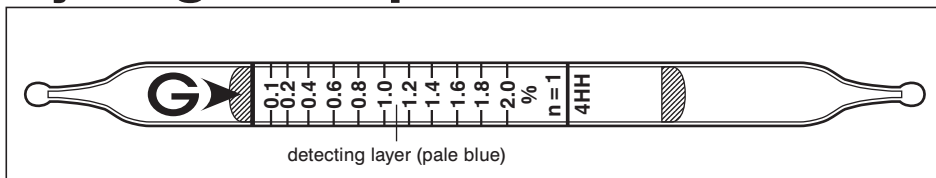


Hydrogen Sulphide H₂S

No.4HH



Performance

Measuring range	0.1 to 2 %	2 to 4 %
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
 Corrections for temperature & humidity : Unnecessary
 Relative standard deviation : 10 % (for 0.1 to 0.6 %), 5 % (for 0.6 to 2 %)
 Shelf life : 3 years

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Ammonia		Two layers (dark brown & dark blue)	Dark blue
Mercaptans	≥ 1 %	+	} No
Sulphur dioxide	≥ 0.5 %	-	

Calibration gas generation

High pressure gas cylinder method