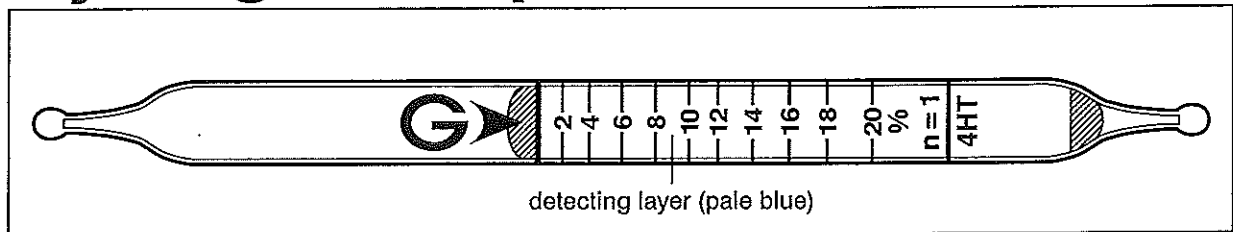


Hydrogen Sulphide H₂S

No.4HT

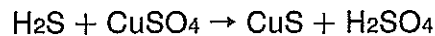


Performance

Measuring range	1 to 2 %	2 to 20 %	20 to 40 %
Number of pump strokes	2 (200 ml)	1 (100 ml)	1/2 (50 ml)
Correction factor	1/2	1	2
Sampling time	3 min	1.5 min	45 sec

Detecting limit : 0.2 % (2 pump strokes)
 Colour change : Pale blue → Blackish brown
 Corrections for temperature & humidity : Unnecessary
 Relative standard deviation : 10 % (for 2 to 6 %), 5 % (for 6 to 20 %)
 Shelf life : 3 years

Reaction principle



Possible coexisting substances and their interferences (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to
Mercaptans	≥ 10 %	+	} No
Sulphur dioxide	≥ 5 %	-	

Calibration gas generation

High pressure method

TLV-TWA : 1 ppm

TLV-STEL : 5 ppm

Explosive range : 4.0 to 44 %