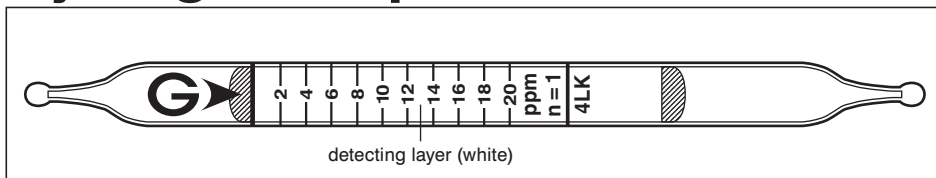


Hydrogen Sulphide H₂S

No.4LK



Performance

Measuring range	1 to 2 ppm	2 to 20 ppm	20 to 40 ppm
Number of pump strokes	2 (200ml)	1 (100 ml)	1/2 (50 ml)
Correction factor	1/2	1	2
Sampling time	2 min	1 min	30 secc

Detecting limit : 0.25 ppm (2 pump strokes)

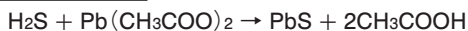
Colour change : White → Brown

Corrections for temperature & humidity : Unnecessary

Relative standard deviation : 10 % (for 2 to 6 ppm), 5 % (for 6 to 20 ppm)

Shelf life : 3 years

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Ozone	≧ 10 ppm	Bleaching	} No
Sulphur dioxide	≧ 1/2	+	
Nitrogen dioxide	≧ 1/4	-	
Mercaptans		No	

Calibration gas generation

Permeation tube method