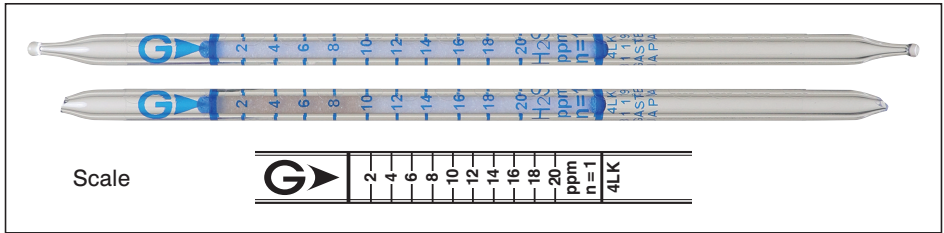


Hydrogen Sulphide H₂S

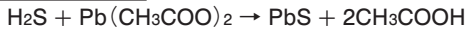
No.4LK



Performance

Measuring range	1 to 2 ppm	2 to 20 ppm	20 to 40 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/2	1	2
Sampling time	2 min	1 min	30 sec
Detecting limit :	0.25 ppm (2 pump strokes)		
Colour change :	White → 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 2 to 6 ppm), 5 % (for 6 to 20 ppm)		
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
Ozone	≧ 10 ppm	Bleaching	} No
Sulphur dioxide	≧ 1/2	+	
Nitrogen dioxide	≧ 1/4	-	
Mercaptans		No	

Calibration gas generation

Permeation tube method