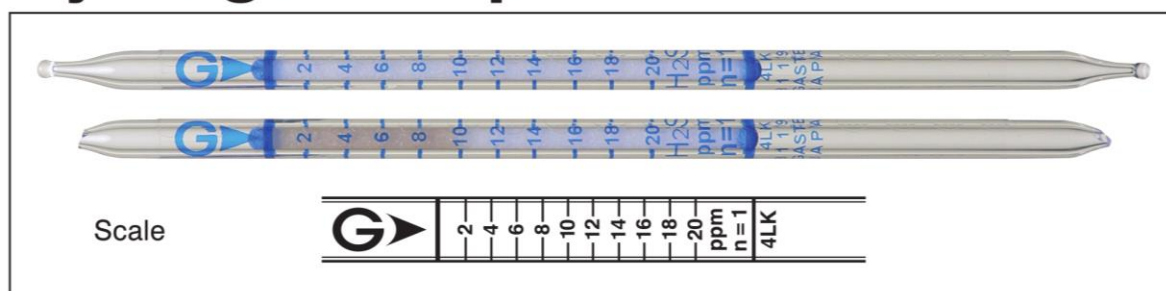




Hydrogen Sulphide H₂S

Part No.: 4LK

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

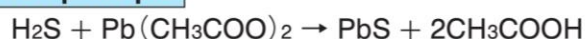
Relative humidity 0 to 90 % correction not used

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	$\geq 1/2$	+	
Nitrogen dioxide	$\geq 1/4$	-	
Mercaptans		No	

Calibration gas generation

Permeation tube method