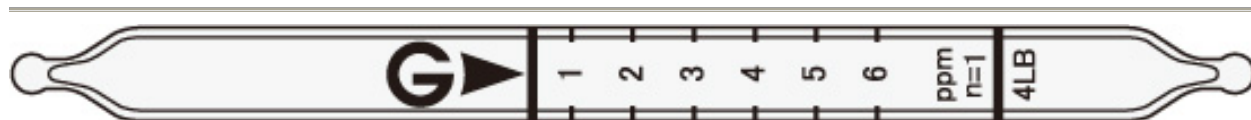


Hydrogen sulphide

H₂S

No.4LB



Performance

Measuring Range	0.5 to 1 ppm	1 to 6 ppm	6 to 12 ppm
Number of Pump Strokes	2	1	1/2
Correction Factor	1/2	1	2
Sampling Time	1 minute per pump stroke		
Detecting Limit	0.1 ppm (n=10)		
Colour Change	Pale Yellow → Pink		
Reaction Principle	Hydrogen sulphide reacts with lead acetate to form lead sulphide, which colour is brown.		
Coefficient of Variation	10% (for 1 to 2 ppm) 5% (for 2 to 6 ppm)		
Shelf Life	2 Years		
Corrections for temperature & humidity	Unnecessary		
Store the tubes at cool and dark place.			

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Change colour by itself
Ammonia	-	No effect	No discoloration
Sulphur dioxide	-	No effect	No discoloration
Mercaptans	-	Plus effect	Pink

Calibration gas generation Permeation tube method

TLV-TWA	TLV-STEL	Explosive range
10ppm	15ppm	4.0 to 44%