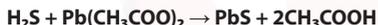
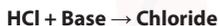


Specification :

	Extended	Standard	Extended
Measurement Range (SO ₂)	Do not extend	0.5 - 10 ppm	7- 14 ppm
Measurement Range (H ₂ S)	Do not extend	2.5 - 60 ppm	1/2 (50 ml)
No. of Pump Strokes		1 (100 ml)	2.0
Volume Correction Factor (VCF)*		1.0	
Sampling Time	2.0 minutes per pump stroke (100 ml)		
Color Change	SO ₂ : Pink → Yellow; H ₂ S: White → Brown		
Detection Limit	SO ₂ : 0.2 ppm; H ₂ S: 1 ppm		
Shelf Life	1 year		
Relative standard deviation	± 10 - 15 %		

* Multiply the observed reading by the correction factor (VCF) to obtain the true concentration.

Reaction Principle :



Possible Interferences :

Compound	Concentration (ppm)	Interference	Color Change / Comments
Toluene	≤100	No	No effect
Carbon monoxide	≤250	No	No effect
Ammonia	≤100	No	No effect
Isobutylene	≤106	No	No effect

Correction For Environmental Parameters :

Temperature	Not necessary between 0 - 40°C (32 - 104°F).
Relative humidity	Not necessary between 10 - 90 %.

Calibration Of The Tube :

Static gas dilution method.

SO₂: TLV (TWA): -----
 H₂S: TLV (TWA): 1 ppm

TLV (STEL): 0.25 ppm
 TLV (STEL): 5 ppm

Flammable Range: -----
 Flammable Range: 4-44 %