

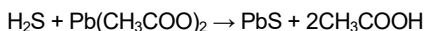


## Specification:

Measurement Range	Extended	Standard	Extended
		10-100 ppm	100-2000 ppm
No. of Pump Strokes	10 (1000 ml)	1 (100 ml)	0.5 (50 ml)
Volume Correction Factor (VCF)*	0.1	1.0	2.0
Sampling Time	1.5 minutes per pump stroke (100 ml)		
Color Change	White → Brown		
Detection Limit	5 ppm (10 pump strokes)		
Shelf Life	2 years		
Relative standard deviation	± 10 to 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
Mercaptans	≤500	No	No Effect
Ammonia	≤200	No	No Effect
Carbon monoxide	≤250	No	No Effect
Toluene	≤100	No	No Effect
Nitrogen dioxide	≤200	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.

TLV (TWA): 1 ppm

TLV (STEL): 5 ppm

Flammable Range: 4 – 44 %.