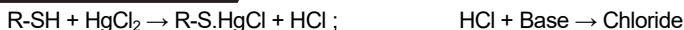


**Specification:**

Measurement Range	<b>Extended</b>	<b>Standard</b>	<b>Extended</b>
	0.5 - 1 ppm	1 - 20 ppm	20 - 40 ppm
No. of Pump Strokes	2 (200 ml)	1 (100 ml)	0.5 (50 ml)
Volume Correction Factor (VCF)*	0.5	1.0	2.0
Sampling Time	2.0 minutes per pump stroke (100 ml)		
Color Change	Yellow → Pink		
Detection Limit	0.2 ppm (2 pump strokes)		
Shelf Life	1 year		
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
Other mercaptans		+	Pink
Arsine, Phosphine, HCN		+	Pink

**Cross Sensitivity:**

Compound	No. of Stroke	Gas correction factor (GCF)*	Measuring Range	Color Change / Comments
Methyl Mercaptan	1	1	1 - 20 ppm	Pink
t-Butyl Mercaptan	1	1	1 - 20 ppm	Pink

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

**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): 0.5 ppm

TLV (STEL): -----

Flammable Range: 3 – 18 %