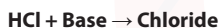
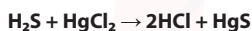
**Specification :**

Measurement Range	Extended	Standard	Extended
	0.25 - 0.5 ppm	0.5 - 7 ppm	7 - 14 ppm
No. of Pump Strokes	2 (200 ml)	1 (100 ml)	1/2 (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	0.1 ppm (2 pump strokes)		
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
Hydrogen sulfide in Air		+	Pink
Mercaptan		+	Pink
Ammonia	≤100	No	No effect
Nitrogen dioxide	≤5	No	No effect
Sulfur dioxide	≤20	No	No effect

Correction For Environmental Parameters :

Temperature	Not necessary between 0 - 40°C (32 - 104°F).
Relative humidity	Tubes are calibrated at ≤ 5% RH. Reading drops sharply above 5 % RH.

Calibration Of The Tube :

Static gas dilution method.