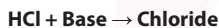
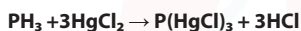
**Specification :**

	Extended	Standard	Extended
Measurement Range	0.05 – 0.1 ppm	0.1–10 ppm	10 – 20 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	1.5 minute per pump stroke (100 ml)		
Color Change	Yellow → Pink		
Detection Limit	0.02 ppm (2 pump strokes)		
Shelf Life	2 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
Arsine		+	Pink
Hydrogen sulphide		+	Pink
Sulfur dioxide	≥ 100	No	No Effect
Nitrogen Dioxide	≥ 10	No	No Effect
Hydrogen Chloride	≥ 10	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.