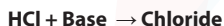
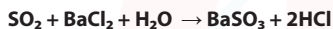


**Specification :**

	Extended	Standard	Extended
Measurement Range	0.5 – 1	1 - 25 ppm	25 - 50 ppm
No. of Pump Strokes	4 (400 ml)	2 (200 ml)	1 (200 ml)
Volume Correction Factor (VCF)*	0.5	1.0	2
Sampling Time	1.5 minute per pump stroke (100 ml)		
Color Change	Light blue → Yellow		
Detection Limit	0.2 ppm (4 pump strokes)		
Shelf Life	2 years		
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 fluoride	≥ 50	+	Ring
Nitrogen oxide	≥ 100	+	Ring - violet color
Hydrogen sulphide	≤ 2000	No	No Effect
Carbon monoxide	≤ 1000	No	No effect
Ammonia	≤ 100	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.