

**Specification :**

Measurement Range	Extended	Standard	Extended
		50 - 100 ppm	100 - 3000 ppm
No. of Pump Strokes	2(200 ml)	1(100 ml)	½ (50 ml)
Volume Correction Factor (VCF)*	0.5	1.0	2
Sampling Time	2.5 minutes per pump stroke (100 ml)		
Color Change	White → Brownish green		
Detection Limit	20 ppm (2 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 sulphide	≤100	No	No Effect
Ammonia	≤120	No	No Effect
n – Hexane	≤400	No	No Effect
Hydrogen	≤99.9 %	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.