

**Specification :**

Measurement Range	Extended	Standard	Extended
	0.5 – 1 %	1 – 20 %	Do not extend
No. of Pump Strokes	1(100 ml)	1/2(50 ml)	
Volume Correction Factor (VCF)*	0.5	1	
Sampling Time	1 minute per pump stroke (100 ml)		
Color Change	White → Dark brown		
Detection Limit	0.2% (1 pump stroke)		
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	≤0.01	No	No Effect
Ammonia	≤0.03	No	No Effect
Methane	≤2.50	No	No Effect
Hexane	≤0.12	No	No Effect
Toluene	≤0.01	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.