

**Specification :**

Measurement Range	Extended	Standard	Extended
	1.25 – 2.5	2.5 – 50 ppm	50 – 100
No. of Pump Strokes	4 (400 ml)	2 (200 ml)	1 (100 ml)
Volume Correction Factor (VCF)*	0.5	1.0	2
Sampling Time	1.5 minutes per pump stroke (100 ml)		
Color Change	White → Brownish green		
Detection Limit	0.5 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
Aromatic hydrocarbon		+	Brownish green
Hydrogen sulphide	25	+	Brown ring
Carbon monoxide	≤50	No	No Effect
Nitrogen oxide	≤100	No	No Effect
n-Octane	≤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.