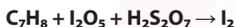


**Specification :**

	Extended	Standard	Extended
Measurement Range	5 – 10 ppm	10 - 300 ppm	300 – 600 ppm
No. of Pump Strokes	2 (200 ml)	1 (100 ml)	0.5 (50 ml)
Volume Correction Factor (VCF)*	0.5	1.0	2.0
Sampling Time	1.5 minute per pump stroke (100 ml)		
Color Change	White → Brown		
Detection Limit	2 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	≥ 50	+	Brown faint ring
Carbon monoxide	≥ 3000	+	Brown faint ring
n – hexane	≥ 100	+	Brown faint ring
Xylene	≥ 5	+	Brown
Ammonia	≤ 5.0%	No	No effect
Carbon dioxide	≤ 1.5%	No	No effect
Methane	≤ 2.5%	No	No effect
Sulfur dioxide	≤ 2000	No	No effect
Isobutylene	≤ 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.