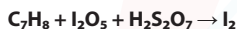
**Specification :**

	Extended	Standard	Extended
Measurement Range	1 - 2 ppm	2 - 50 ppm	Do not extend
No. of Pump Strokes	4 (400 ml)	2 (200 ml)	
Volume Correction Factor (VCF)*	0.5	1.0	
Sampling Time	2 minute per pump stroke (100 ml)		
Color Change	White → Brown		
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
Xylene		+	Brown
Carbon monoxide		+	Faint beige entire tube
Styrene		+	Very pale brown
Ammonia	≤ 1000	No	No effect
Methane	≤ 2.5 %	No	No effect
Sulfur dioxide	≤ 30	No	No effect
Carbon dioxide	≤ 1.0 %	No	No effect
Isobutylene	≤ 50	No	No Effect
n-hexane	≤ 50	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.