

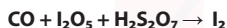


Specification :

Measurement Range	Extended	Standard	Extended
	2 - 5 ppm	5 - 100 ppm	Do not extend
No. of Pump Strokes	6 (600 ml)	3 (300 ml)	
Volume Correction Factor (VCF)*	0.4	1.0	
Sampling Time	2 minutes per pump stroke (100 ml)		
Color Change	White → Brownish green		
Detection Limit	1 ppm (6 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
Hydrogen	≤99.9%	No	No Effect
Carbon dioxide	≤5000	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.