

**Specification :**

Measurement Range	Extended	Standard	Extended
	Do not Extend	5 - 100 ppm	Do not Extend
No. of Pump Strokes		1 (100 ml)	
Volume Correction Factor (VCF)*		1.0	
Sampling Time	1.5 minutes per pump stroke (100 ml)		
Color Change	White → Yellow		
Detection Limit	2 ppm (1 pump stroke)		
Shelf Life	3 years		
Relative standard deviation	± 10 – 15 %		

* Multiply the observed reading by the correction factor (VCF) to obtain the true concentration.

Reaction Principle :

Br₂ + o-Tolidine → Yellow reaction product

Possible Interferences :

Compound	Concentration (ppm)	Interference	Color Change / Comments
Chlorine dioxide		+	Yellow
Nitrogen dioxide		+	Yellow
Chlorine		+	Yellow

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.