

**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 to 15 %		

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

**Reaction Principle:**

Br<sub>2</sub> + 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.

TLV (TWA): 0.1 ppm

TLV (STEL): 0.2 ppm

Flammable Range: NA