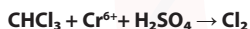
**Specification :**

Measurement Range	Extended	Standard	Extended
	Do not extend	10 – 100 ppm	Do not extend
No. of Pump Strokes		5 (500 ml)	
Volume Correction Factor (VCF)*		1.0	
Sampling Time	2.0 minutes per pump stroke (100 ml)		
Color Change	White → Orange/Yellow		
Detection Limit	5 ppm (5 pump strokes)		
Shelf Life	1 year		
Relative standard deviation	± 10 – 15 %		

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

Reaction Principle :

$\text{Cl}_2 + o\text{-Tolidine} \rightarrow \text{Orange/Yellow reaction product}$

Possible Interferences :

Compound	Concentration (ppm)	Interference	Color Change / Comments
Chlorine		+	Orange/Yellow
Bromine		+	Orange/Yellow
Saturated halogenated Hydrocarbons		+	Orange/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.