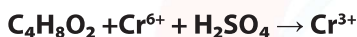
**Specification :**

Measurement Range	<b>Extended</b>	<b>Standard</b>	<b>Extended</b>
	Do not extend	20-800 ppm	Do not extend
No. of Pump Strokes	2 (200 mL)		
Volume Correction Factor (VCF)*	1.0		
Sampling Time	3 minutes per pump stroke (100 mL)		
Color Change	Yellow → Blackish brown		
Detection Limit	5 ppm (2 pump strokes)z		
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
Alcohols		+	Brownish green
Esters		+	Brown
Ketones		+	No Effect
Aromatic hydrocarbons		+	Light green
Methyl Acrylate		+	Light green

**Correction For Environmental Parameters :**

Temperature	5 (41)	10 (50)	20 (68)	30 (86)	40 (104)
Correction Factor (TCF)*:	2.3	1.2	1.0	0.70	0.50
Relative humidity	Not necessary between 10 - 90 %.				

\* Multiply the observed reading by the correction factors (VCFxHCF) to obtain the true concentration.

**Calibration Of The Tube :**

Static gas dilution method.