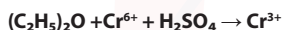


**Specification :**

Measurement Range	Extended	Standard	Extended
	Do not extend	0.04 – 1 %	Do not extend
No. of Pump Strokes		1 (100 ml)	
Volume Correction Factor (VCF)*		1.0	
Sampling Time	2.0 minutes per pump stroke (100 ml)		
Color Change	Yellow → Pale green		
Detection Limit	0.02%		
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		+	Pale green
Esters		+	Pale green
Ketones		+	Pale green
Aromatic hydrocarbons		+	Pale green
Ethers		+	Pale green
Furans	≥1000	+	Pale green

Cross Sensitivity :

Compound	No. of strokes	Correction Factor GCF*	Measuring range (ppm)	TLV (ppm)	Colour change
Isopropyl ether	3(300ml)	0.34	0.0136 – 0.34 %	250	Pale Green

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): 400 ppm

TLV (STEL): 500 ppm

Flammable Range: 1.9 – 36 %