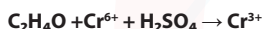
**Specification :**

Measurement Range	Extended	Standard	Extended
	0.025-0.05%	0.05-3.0%	3.0-6.0%
No. of Pump Strokes	2 (200 ml)	1 (100 ml)	0.5 (50 ml)
Volume Correction Factor (VCF)*	0.5	1.0	2.0
Sampling Time	2.0 minutes per pump stroke (100 ml)		
Color Change	Orange → Brownish Green		
Detection Limit	0.01 % (2 pump strokes)		
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
Esters		+	Brownish Green
Ketones		+	Brownish Green
N hexane	≥0.5%	+	Brownish Green
Aromatic hydrocarbons	≥1000	+	Brownish Green
Methanol	≤ 2 %	No	No Effect

Cross Sensitivity :

Compound	No. of strokes	Correction Factor GCF*	Measuring range (ppm)	TLV (ppm)	Colour change
1,4 Dioxane	1	1.3	0.07 - 4.0 %	20	Brownish 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): 1 ppm

TLV (STEL): ----

Flammable Range: 4-100 %