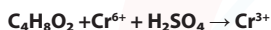


**Specification :**

Measurement Range	Extended	Standard	Extended
	Do not extend	0.1 – 5 %	Do not extend
No. of Pump Strokes		1 (100 ml)	
Volume Correction Factor (VCF)*		1.0	
Sampling Time	2.5 minutes per pump stroke (100 ml)		
Color Change	Yellow → Pale green		
Detection Limit	0.05%		
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	≤500	No	No Effect
Aromatic hydrocarbons		+	Pale green
Hydrogen sulphide	≥500	+	Diffused Pale green

Cross Sensitivity :

Ethyl acetate tube (SEA-7) can be used for the measurement of methyl acetate. The below table gives Methyl acetate concentration corresponding to scale reading.

		Conc. of Ethyl acetate in % (v/v)							
Scale reading in % (v/v)	(n=1)	0.1	0.3	0.5	1.0	2.0	3.0	4.0	5.0
Methyl acetate conc. In % (v/v)	(n=1)	0.1	0.3	0.5	0.85	1.60	2.60	3.60	---

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): -----

Flammable Range: 2.0 – 11.5 %