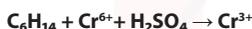


Specification :

Measurement Range	Extended	Standard	Extended
		Do not extend	10 – 1200 ppm
No. of Pump Strokes		1(100 m)	
Volume Correction Factor (VCF)*		1.0	
Sampling Time	1.5 minutes per pump stroke (100 ml)		
Color Change	Yellow → Pale green		
Detection Limit	5 ppm		
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 :



Possible Interferences :

Compound	Concentration (ppm)	Interference	Color Change / Comments
Organic vapours		+	Pale Green

Cross Sensitivity :

Compound	No. of strokes	Gas Correction Factor (GCF)*	Measuring range (ppm)	TLV (ppm)	Colour change
Hexane	1	1	10 - 1200 ppm	50	Pale Green
Cyclohexane	1	1.4	140 - 1680 ppm	300	Pale Green
n-Pentane	1	0.7	7 - 840 ppm	1000	Pale Green
n-Octane	1	2.3	23 - 2760 ppm	300	Pale Green
n-Heptane	1	1.5	15 - 1800 ppm	400	Pale Green

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

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.