

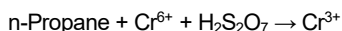


Specification:

Measurement Range	Extended	Standard	Extended
	0.05 – 0.1%	0.1 – 1.2 %	1.2 – 2.4%
No. of Pump Strokes	2(200 mL)	1 (100 ml)	½ (50 mL)
Volume Correction Factor (VCF)*	0.5	1.0	2
Sampling Time	1.5 minute per pump stroke (100 ml)		
Color Change	Greenish brown → Pale green		
Detection Limit	100 ppm (1 pump stroke)		
Shelf Life	1 year		
Relative standard deviation	± 10 to 15 %		

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

Reaction Principle:



Cross Sensitivity:

Compound	No. of Stroke	Gas correction factor (GCF)*	Measuring Range	Color Change / Comments
Acetylene	½, 1,2	1.5	0.075 - 3.6%	Pale green
Heptane/Butane	½, 1,2	0.7	0.035 – 1.68%	Pale green
Isopentane	½, 1,2	0.9	0.045 – 2.16%	Pale green
Ethylene	½, 1,2	7.5	0.375 – 18%	Pale green
Hexane	½, 1,2	0.6	0.03 – 1.44%	Pale green
Pentane	½, 1,2	0.7	0.035 – 1.68%	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 - 80 %.

Calibration Of The Tube :

Static gas Dilution method.

TLV (TWA): -----

TLV (STEL): -----

Flammable Range: 2.1 – 9.5%