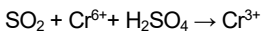


Specification:

Measurement Range	Extended	Standard	Extended
	Do not extend	0.02 – 0.3 %	Do not extend
No. of Pump Strokes	1 (100 ml)		
Volume Correction Factor (VCF)*	1.0		
Sampling Time	1 minute per pump stroke (100 ml)		
Color Change	Yellow → Pale blue		
Detection Limit	0.01% (1 pump stroke)		
Shelf Life	3 years		
Relative standard deviation	± 10 to 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
Hydrogen sulphide	≥ 100	+	Blue ring
Carbon monoxide	≥ 2000	+	Light blue
Carbon dioxide	3 %	No	No effect

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): -----

TLV (STEL): 0.25 ppm

Flammable Range: -----