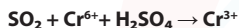
**Specification :**

	Extended	Standard	Extended
Measurement Range	0.125 – 0.25 %	0.25 – 5 %	5 – 10%
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	1 minute per pump stroke (100 ml)		
Color Change	Orange → Pale blue		
Detection Limit	0.05% (2 pump strokes)		
Shelf Life	3 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 (%)	Interference	Color Change / Comments
Hydrogen sulphide	≥ 100	+	Green ring
Carbon monoxide	≥ 2000	+	Light blue
Ammonia	≥ 300	+	Light blue ring
Carbon dioxide	5%	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.