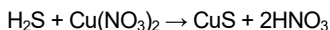


Specification:

Measurement Range	Extended	Standard	Extended
	1 – 2 %	2 – 60 %	Do not extend
No. of Pump Strokes	1 (100 ml)	0.5 (50 ml)	
Volume Correction Factor (VCF)*	0.5	1.0	
Sampling Time	1 minute per ½ pump stroke (50 ml)		
Color Change	Blue → Black		
Detection Limit	0.5 % (1 pump strokes)		
Shelf Life	2 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 (%)	Interference	Color Change / Comments
Sulphur dioxide	≥0.5	No	No Effect
Mercaptan	0.1	No	No Effect
Methane		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): 1 ppm

TLV (STEL): 5 ppm

Flammable Range: 4 – 44 %.