

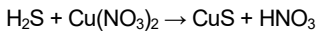


Specification:

Measurement Range	Extended	Standard	Extended
	0.05 – 0.1%	0.1 - 2.0%	2.0 - 4.0%
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	2.5 minutes per pump stroke (100 ml)		
Color Change	Blue → Black		
Detection Limit	0.02 % (2 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 (ppm)	Interference	Color Change / Comments
Hydrogen		No	No Effect
Methane		No	No Effect
Ethane		No	No Effect
Propane, Butane		No	No Effect
Carbon monoxide		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 %.