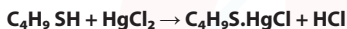


**Specification :**

	Extended	Standard	Extended
Measurement Range	Do not extend	0.5 - 15 mg/m ³	Do not extend
No. of Pump Strokes		3 (300 ml)	
Volume Correction Factor (VCF)*		1.0	
Sampling Time	1.5 minute per pump stroke (100 ml)		
Color Change	Yellow → Pink		
Detection Limit	0.25 mg/m ³ (3 pump strokes)		
Shelf Life	2 year		
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 (mg/m ³)	Interference	Color Change / Comments
Other mercaptans		+	Pink
Phosphine		+	Pink
Hydrogen sulphide		+	Pink
Ammonia	≤ 15	No	No effect
Sulfur dioxide	≤ 30	No	No effect
Carbon dioxide	≤ 100	No	No effect

Cross Sensitivity :

Compound	No. of strokes	Gas Correction Factor	Measuring range	TLV (ppm)	Colour change
Ethyl Mercaptan	3	1	0.5 - 15 mg/m ³	0.5	Pink
Methyl Mercaptan	3	1	0.5 - 15 mg/m ³	0.5	Pink

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): 0.5 ppm

TLV (STEL): ----

Flammable Range: -----