

# Uniphos Detector Tube Data Sheet

Direct Reading Length of Stain Type

## Stoddard Solvent

## SSS-5M

TWA (TLV): 100 mg/m<sup>3</sup>

STEL (TLV): NA

Flammable Range: 0.8 % or higher

### Specification:

Measurement Range	Extended	Standard	Extended
	Do not extend	50 - 8000 mg/m <sup>3</sup>	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	White → Brownish green		
Shelf Life	1 year		
Storage condition	Below 10°C (50°F)		
Calibration condition	Calibrated at 20°C (68°F) and 50% RH.		
Reaction Principle	Stoddard solvent + I <sub>2</sub> O <sub>5</sub> + H <sub>2</sub> S <sub>2</sub> O <sub>7</sub> → I <sub>2</sub>		
Relative standard deviation	± 10 %		

\* Multiply the observed reading by the correction factor (VCF) to obtain the true concentration.

### Possible Interferences:

Compound	Concentration (ppm)	Interference	Colour change / Comments
Hexane		+	Brownish green (Whole layer)
CO	1000	No	No Effect
Acetone	1500	No	No Effect

### Correction for Environmental Parameters:

Temperature	Not necessary between 0 - 40°C (32 - 104°F).
Relative humidity	Not necessary between 10 - 90 %.



**Manufactured By:** Uniphos Envirotronic Pvt. Ltd.  
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