

# Uniphos Detector Tube Data Sheet

Direct Reading Length of Stain Type

## Acetic Acid

## CH<sub>3</sub>COOH

## SAA-2

TLV (TWA): 10 ppm

TLV (STEL): 15 ppm

Flammable Range: 4 – 19.9 %

### Specification:

Measurement Range	Extended	Standard	Extended
	Do not extend	2.5 - 50 ppm	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	Pink → Yellow		
Shelf Life	1 year		
Storage condition	Below 10°C (50°F)		
Calibration condition	Calibrated at 20°C (68°F) and 50% RH.		
Reaction Principle	CH <sub>3</sub> COOH + Base → Reaction product		
Relative standard deviation	± 10 to 15 %		

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

### Possible Interferences:

Compound	Concentration (ppm)	Interference	Colour change / Comments
Chlorine		+	White
Hydrogen chloride		+	Yellow
Hydrogen cyanide	50	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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