

# Uniphos Detector Tube Data Sheet

Direct Reading Length of Stain Type

## Water Vapor

## H<sub>2</sub>O

## SWA-7

TWA (TLV): NA

STEL (TLV): NA

Non Flammable

### Specification:

	Extended	Standard	Extended
Measurement Range	Do not extend	1- 30 mg/l	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	Yellow → Blue		
Shelf Life	1 year		
Storage condition	Below 10°C (50°F)		
Calibration condition	Calibrated at 20°C (68°F).		
Reaction Principle	H <sub>2</sub> O + Mg (ClO <sub>4</sub> ) <sub>2</sub> → Mg(ClO <sub>4</sub> ) <sub>2</sub> .H <sub>2</sub> O		
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
CH <sub>4</sub>	99.9%	No	No effect
H <sub>2</sub> S	2000	No	No effect
Methanol	50	No	No effect
Hexane	3000	No	No effect

### Correction for Environmental Parameters:

Temperature	Temperature correction is necessary.
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**Manufactured By:** Uniphos Envirotronic Pvt. Ltd.  
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