

Uniphos Detector Tube Data Sheet

Direct Reading Length of Stain Type

Water Vapor

H₂O

SWA-7M/lb

TLV (TWA): -----

TLV (STEL): ----

Non Flammable

Specification:

Measurement Range	Extended	Standard	Extended
	Do not extend	62.5 – 1125 lb/MMCF	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 ₂ O + Mg (ClO ₄) ₂ → Mg(ClO ₄) ₂ .H ₂ O		
Relative standard deviation	± 10 – 15 %		

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

Possible Interferences:

Compound	Concentration (ppm)	Interference	Colour change / Comments
Methane	99.9%	No	No effect
Hydrogen sulphide	2000	No	No effect
Methanol	50	No	No effect
Hexane	3000	No	No effect

Correction for Environmental Parameters:

Temperature	Not necessary between 0 - 40°C (32 - 104°F).
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Manufactured By: Uniphos Envirotronic Pvt. Ltd.(100% EOU)
Nahuli (PO), Umbergaon (Tal.)
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