

Uniphos Detector Tube Data Sheet

Direct Reading Length of Stain Type

Water Vapor

H₂O

SWA-7/lb

TWA (TLV): NA

STEL (TLV): NA

Non Flammable

Specification:

| Measurement Range | Extended | Standard | Extended |
|---------------------------------|---|-------------------|---------------|
| | Do not extend | 62 – 1835 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 % | | |

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

Possible Interferences:

| Compound | Concentration (ppm) | Interference | Colour change / Comments |
|------------------|---------------------|--------------|--------------------------|
| CH ₄ | 99.9% | No | No effect |
| H ₂ S | 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). |
|-------------|--|



Manufactured By: Uniphos Envirotronic Pvt. Ltd.(100% EOU)
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