

Uniphos Detector Tube Data Sheet

Direct Reading Length of Stain Type

Formic Acid



SFA-2M

TLV (TWA): 5 ppm

TLV (STEL): 10 ppm

Flammable Range: NA

Specification:

Measurement Range	Extended	Standard	Extended
	Do not extend	1 - 15 ppm	Do not extend
No. of Pump Strokes		3 (300 mL)	
Volume Correction Factor (VCF)*		1.0	
Sampling Time	1.5 minute per pump stroke (100 mL)		
Color Change	Purple → 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	HCOOH + Base → Reaction product		
Relative standard deviation	± 10 – 15 %		

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

Possible Interferences:

Compound	Concentration (ppm)	Tube Reading (ppm)	Colour change / Comments
Acetic Acid		+	Yellow
Hydrogen chloride		+	Yellow
Nitric Acid		+	Yellow
Chlorine		+	Yellow
Sulphur Dioxide		+	Yellow
Nitrogen Dioxide		+	Yellow

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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Rev.0720