

# Uniphos Detector Tube Data Sheet

Direct Reading Length of Stain Type

## Carbon Tetrachloride $\text{CCl}_4$

## SCT-3L

TWA (TLV): 5 ppm

STEL (TLV): 10 ppm

Flammable Range: NA

### Specification:

	Extended	Standard	Extended
Measurement Range	Do not extend	1 – 60 ppm	Do not extend
No. of Pump Strokes		1 (100 mL)	
Volume Correction Factor (VCF)*		1.0	
Sampling Time	2.5 minutes per pump stroke (100 mL)		
Color Change	White → Pale red		
Shelf Life	1 year		
Storage condition	Below 10°C (50°F)		
Calibration condition	Calibrated at 20°C (68°F) and 50% RH.		
Reaction Principle	$\text{CCl}_4$ + Nitro-benzyl pyridine + benzyl aniline → Reaction product		
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
$\text{CH}_3\text{Br}$		+	Faint colour
Methylene Chloride	50	No	No Effect
Vinyl Chloride	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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