

Uniphos Detector Tube Data Sheet

Direct Reading Length of Stain Type

Carbon Tetrachloride CCl_4

TWA (TLV): 5 ppm

STEL (TLV): 10 ppm

SCT-3L

Flammable Range: NA

Specification:

Measurement Range	Extended	Standard	Extended
	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	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
CH_3Br		+	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 %.



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