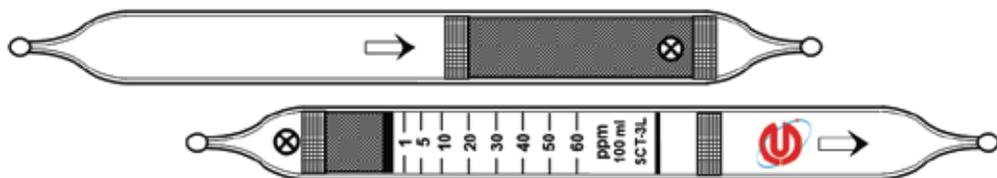


Carbon Tetrachloride

CCl₄

SCT-3L

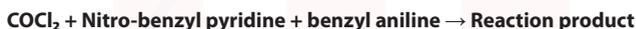


Specification :

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		
Detection Limit	0.5 ppm		
Shelf Life	1 year		
Relative standard deviation	± 10 – 15 %		

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

Reaction Principle :



Possible Interferences :

Compound	Concentration (ppm)	Interference	Color Change / Comments
Methyl bromide	≥50	+	Pale Red
1,1,1 trichloroethylene	≥100	+	Pink
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 %.

Calibration Of The Tube :

Static gas dilution method.