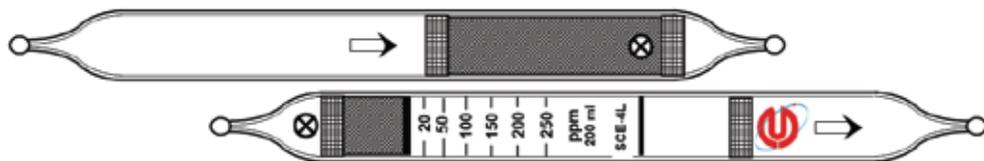


Trichloroethylene

Cl₂C:CHCl

SCE-4L

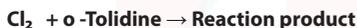
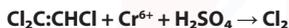


Specification ::

	Extended	Standard	Extended
Measurement Range	Do not extend	20 – 250 ppm	Do not extend
No. of Pump Strokes		2 (200 ml)	
Volume Correction Factor (VCF)*		1.0	
Sampling Time	1.5 minute per pump stroke (100 ml)		
Color Change	White → Yellow		
Detection Limit	10 ppm (2 pump strokes)		
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
1,2 dichloroethylene		+	Yellow
Chlorine, bromine		+	Yellow
Hydrogen chloride		+	Yellow
Toluene, acetone		No	No Effect
Nitric oxide	≤500	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.