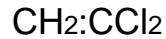


**Vinylidene chloride****NO. 130L****Performance**

<b>Measuring Range</b>	0.4 to 1 ppm	1 to 14 ppm	14 to 40.6 ppm
<b>Number of Pump Strokes</b>	2	1	1/2
<b>Correction Factor</b>	0.4	1	2.9
<b>Sampling Time</b>	1 minute per pump stroke		
<b>Detecting Limit</b>	0.1 ppm (n=2)		
<b>Color Change</b>	Yellow → Reddish brown		
<b>Reaction Principle</b>	Vinylidene chloride is oxidized to form hydrogen chloride to produce reddish brown stain.		
<b>Coefficient of Variation</b>	10% (for 1 to 4 ppm), 5% (for 4 to 14 ppm)		
<b>Shelf Life</b>	2 Years		
<b>Corrections for temperature &amp; humidity</b>	Unnecessary		
<b>Store the tubes in the refrigerator to keep at 10 °C (50°F) or below.</b>			

**Possible coexisting substances and their interferences** (NOTE)

Substance	Concentration	Interference	Change color by itself
Ethylene	300ppm	Minus error	No discoloration
Vinyl chloride	1/7 time	Plus error	Produce reddish brown
Tetrachloroethylene	4 times	Plus error	Produce reddish brown
Trichloroethylene	1time	Plus error	Produce reddish brown
Toluene	500 ppm	Minus error	No discoloration
Benzene	400 ppm	Minus error	No discoloration

**Calibration gas generation** Permeation tube method

TLV-TWA	TLV-STEL	Explosive range
5ppm	-	5.6 to 11.4%

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