

Carbon tetrachloride CCl₄**no.134****Performance**

Measuring Range	0.5 to 2.5 ppm	2.5 to 60 ppm
Number of Pump Strokes	2 to 5	1
Correction Factor	1/2 to 1/5	1
Sampling Time	1.5 minutes per pump stroke	
Detecting Limit	0.2 ppm (n=5)	
Color Change	White → Yellow	
Reaction Principle	Carbon tetrachloride react with reagent to produce intermediate products in the primary tube. The intermediate products react with reagent in the analyzer tube to produce yellow stain.	
Coefficient of Variation	15% (for 2.5 to 20 ppm), 10% (for 20 to 60 ppm)	
Shelf Life	1 Years	
Corrections for temperature & humidity	Unnecessary	
Store the tubes in the refrigerator to keep at 10°C (50°F) or below.		

Possible coexisting substances and their interferences (NOTE)

Substance	Concentration	Interference	Change color by itself
Hydrogen chloride	100ppm	Plus error	Produce yellow stain
Chlorine, Bromine	50ppm	Plus error	Produce yellow stain
Vinyl chloride, Methylene chloride	-	None	No discoloration
Chloroform	-	None	No discoloration
Methyl bromide	100ppm	Plus error	Produce yellow stain
Tetrachloroethylene	-	None	No discoloration
Methyl chloroform	100ppm	Plus error	Produce yellow stain
Trichloroethylene	-	None	No discoloration

Other substance measurable with this detector tube

Substance	Correction Factor	Pump Strokes	Measuring Range
Chloropicrin	1.0	1	25 to 60 %

Calibration gas generation Diffusion tube method

TLV-TWA	TLV-STEL	Explosive range
5ppm	10ppm	-



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