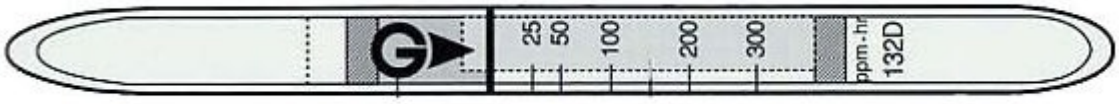
How to read this ch

Trichloroethylene C,Œ2C:CHCl NO.132D



Performance

Measuring Range	3 to 300 ppm
Sampling Hours	1 to 8 hours
Color Change	Yellow ⟶ Purple
Reaction Principle	Trichloroethylene is oxidized by sulfuric acid to generate hydrogen chloride to change the indicator to purple.
Coefficient of Variation	10% (for 25 to 300 ppm-hr)
Shelf Life	1Year
Corrections for temperature & humidity	Temperature correction is necessary
Store the tubes in the refrigerator to keep at 10°C (50°F) or below.	

Possible coexisting substances and their interferences (NOTE)

Substance	Interference	Change color by itself
Hydrogen chloride, Chlorine	Plus error	Produce purple stain
1,2-Dichloroethylene, Tetrachloroethylene	Plus error	Produce purple stain
Toluene, Xylene	No effect	No discoloration

Other substance measurable with this detector tube

Substance	Correction Factor	Sampling Time	Measuring Range
1,2-Dichloroethylene	2.0	1 to 8 hours	6 to 600 ppm
Chlorine	0.8		2.4 to 240 ppm
Hydrogen chloride	0.6		1.8 to 80 ppm
Tetrachloroethylene	0.5		1.5 to 150 ppm
Vinylidene chloride	2.0		6 to 600 ppm

Calibration gas generation Diffusion tube method

TLV-TWA	TLV-STEL	Explosive range
50 ppm	100 ppm	-

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