How to read this chart

Chlorobenzene

C_6Humidity Correction$_5$Cl

NO.126L

Performance

Measuring Range	0.5 to 10 ppm	10 to 43 ppm
Number of Pump Strokes	3	1
Correction Factor	1	4.3
Sampling Time	1.5 minutes per pump stroke	
Detecting Limit	0.2ppm (n=3)	
Color Change	Yellow ⟶ Pale purple	
Reaction Principle	Chlorobenzene reacts with acid to produce hydrogen chloride and it turns the indicator to pale purple color.	
Coefficient of Variation	10% (for 0.5 to 2 ppm), 5% (for 4 to 10 ppm)	
Shelf Life	2 Years	
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	Concentration	Result	Change color by itself
Chlorine, Hydrogen chloride, Trichloroethylene, Tetrachloroethylene	-	Plus error	Pale bluish purple

Calibration gas generation Diffusion tube method

TLV-TWA	TLV-STEL	Explosive range
10ppm	-	1.3 to 9.6%

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