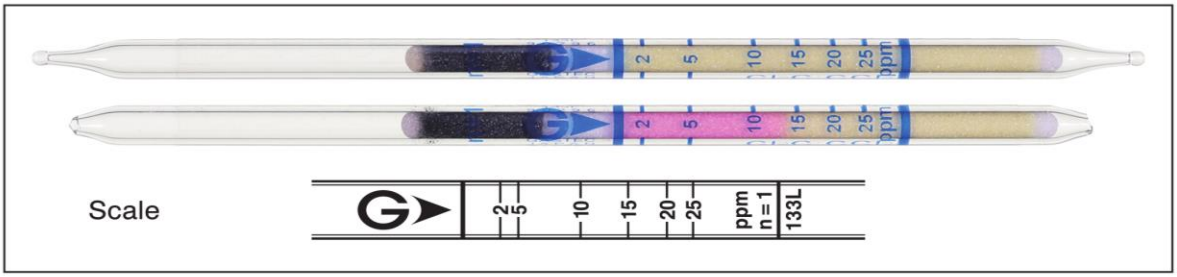
wiserise marine

Tetrachloroethylene Cl2C:CCl2

Part No.: 133L

Tetrachloroethylene $Cl_2C:CCl_2$ No.133L



Performance

Measuring range	1 to 2 ppm	2 to 25 ppm	25 to 75 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/2	1	3
Sampling time	1.5 min	45 sec	30 sec

Detecting limit : 0.4 ppm (2 pump strokes)
Colour change : Yellow → Pink
Operating conditions : Temperature 0 to 40 °C (32 to 104 °F) correction used
Relative humidity 0 to 90 % correction not used
Relative standard deviation : 10 % (for 2 to 5 ppm), 5 % (for 5 to 25 ppm)
Tube quantity and number of tests per box : 10 tubes for 10 tests
Shelf life : 30 months (in the refrigerator)

Reaction principle

$Cl_2C:CCl_2 + PbO_2 + H_2SO_4 \rightarrow HCl$
$HCl + Base \rightarrow Chloride$

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Bromine, Chlorine		+	Pink
Hydrogen chloride		+	
Unsaturated halogenated hydrocarbons		+	
Aromatic hydrocarbons	≧ 100 ppm	−	No
Acetone	≦ 200 ppm	No	
Nitric oxide		No	
Nitrogen dioxide		No	

Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Pentachloroethane	Factor : 20	1	40 to 500 ppm

Calibration gas generation

Diffusion tube method

Web: www.wiserisemarine.com | Email: sales@wiserisemarine.com