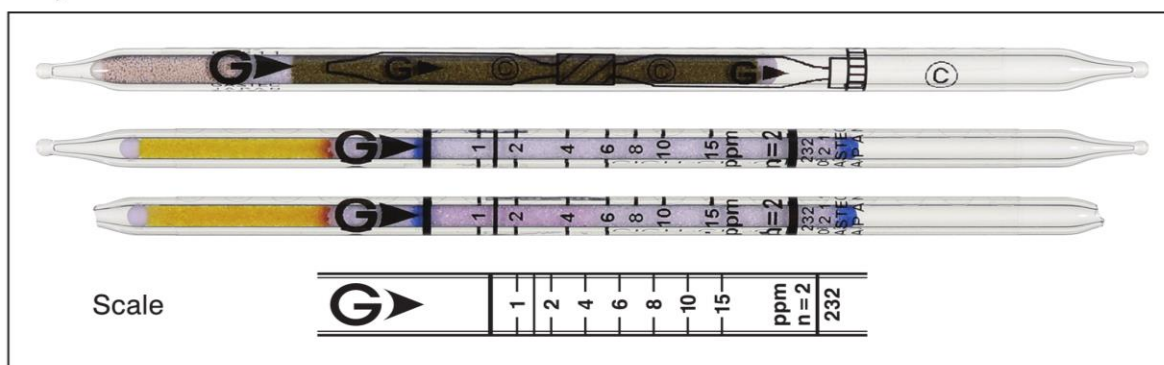




1,2-Dichloroethane ClCH₂CH₂Cl

Part No.: 232

1,2-Dichloroethane ClCH₂CH₂Cl No.232



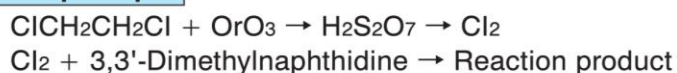
Performance

When used, these tubes are to be connected. See page 2-3.

Measuring range	1 to 15 ppm	15 to 39 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)
Correction factor	1	2.6
Sampling time	4 min	2 min

Detecting limit :	0.25 ppm (2 pump strokes)
Colour change :	White → Pale purple
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	15 % (for 1 to 4 ppm), 10 % (for 4 to 15 ppm)
Tube quantity and number of tests per box :	10 tubes for 5 tests
Shelf life :	12 months (in the refrigerator)

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Carbon dioxide		No	No
Chlorine	≧ 0.5 ppm	+	Pale purple (≧ 0.15 ppm)
Chloropicrin	≧ 0.3 ppm	+	Pale purple (≧ 2 ppm)
Chloroform	≧ 2 ppm	+	Pale purple (≧ 2 ppm)
Carbon tetrachloride	≧ 5 ppm	+	Pale purple (≧ 15 ppm)
1,2-Dichloroethylene	≧ 1 ppm	+	Pale purple (≧ 0.3 ppm)
Methyl bromide	≧ 0.1 ppm	+	Pale purple (≧ 0.1 ppm)

Calibration gas generation

Diffusion tube method