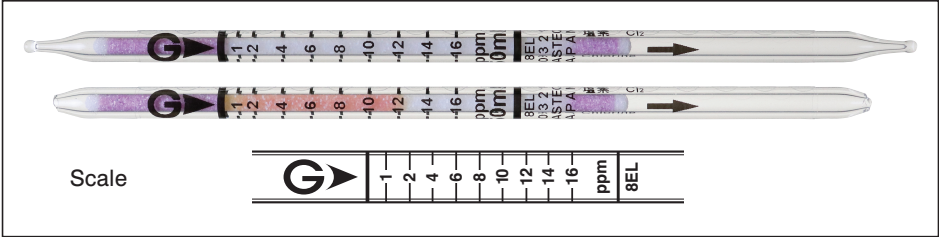


Chlorine Cl_2

No.8EL



Performance

Measuring range	1 to 16 ppm
Number of pump strokes	1 (50mL)
Correction factor	1
Sampling time	30 sec
Detecting limit :	0.4 ppm (1 pump stroke)
Colour change :	White → Pale pink
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction not used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	10 % (for 1 to 4 ppm), 5 % (for 4 to 16 ppm)
Tube quantity and number of tests per box :	10 tubes for 10 tests
Shelf life :	36 months

Reaction principle

Chlorine oxidizes 3,3,5,5-Tetramethylbenzidine(indicator) to produce pale pink stain.

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Nitric oxide		+	} Pale pink
Ozone		+	
Nitrogen dioxide		+	
Chlorine dioxide		+	
Bromine,Iodine		+	

Calibration gas generation

Permeation tube method