

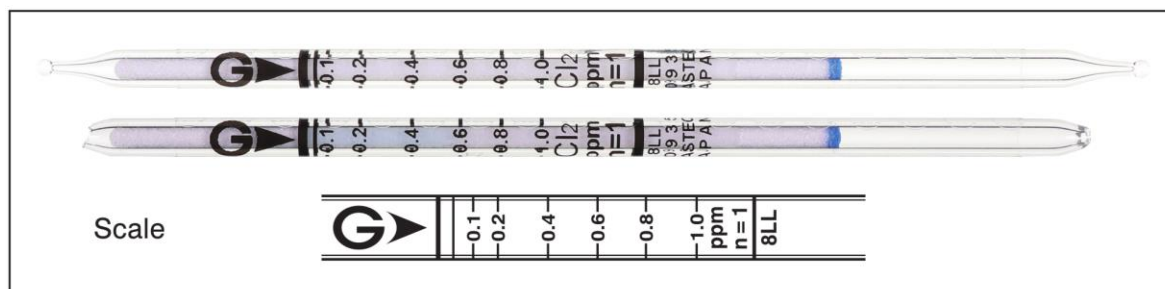


Chlorine Cl₂

Part No.: 8LL

Chlorine Cl₂

No.8LL



Performance The minimum scale value (0.05ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	0.025 to 0.05 ppm	(0.05) to 1.0 ppm	1.0 to 2.0 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	0.5	1	2
Sampling time	4 min	2 min	1 min

Detecting limit : 0.005 ppm (2 pump strokes)

Colour change : White → Pale green

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 0.05 to 0.2 ppm) , 5 % (for 0.2 to 1.0 ppm)

Tube quantity and number of tests per box : 10 tubes for 10 tests

Shelf life : 12 months (in the refrigerator)

Reaction principle

Cl₂ + ABTS → Reaction product

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Ammonia		No	} No
Carbon monoxide		No	
Carbon dioxide		No	
Hydrogen chloride		No	
Nitrogen dioxide		+	} Pale green
Chlorine dioxide		+	
Halogen gas (ex. Chlorine)		+	
Sulphur dioxide		No	No

Calibration gas generation

Permeation tube method