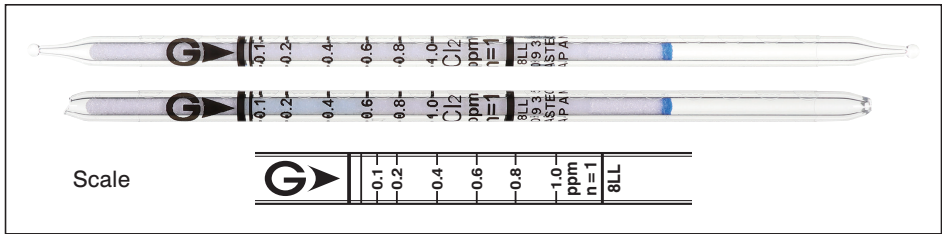


# Chlorine $\text{Cl}_2$

No.8LL

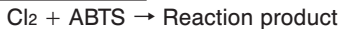


**Performance** The minimum scale value (0.05ppm) is not printed on the tube, but only the scale line is printed.

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



## 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