



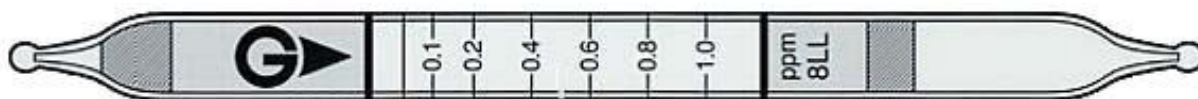
The people with the solutions that protect you and your environment everyday

Gastec Tube Datasheet

Chlorine

Cl₂

No.GAS8LL



Performance

Measuring Range	0.025 to 0.05ppm	0.05 to 1.0 ppm	1.0 to 2.0 ppm
Number of Pump Strokes	2	1	1/2
Correction Factor	1/2	1	2
Sampling Time	2 minutes per pump stroke		
Detecting Limit	0.005 ppm (n=2)		
Colour Change	White → Pale Green		
Reaction Principle	Chlorine oxidizes the indicator to produce pale green discoloration.		
Coefficient of Variation	10% (for 0.05 to 0.2 ppm), 5% (for 0.2 to 1.0 ppm)		
Shelf Life	Up to 1 Year		
Corrections for temperature & humidity	Unnecessary		
Store the tubes in the refrigerator to keep at 10°C (50°F) or below.			

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Change colour by itself
Ammonia	-	No effect	No discoloration
Carbon Monoxide, Carbon Dioxide	-	No effect	No discoloration
Hydrogen Chloride	-	No effect	No discoloration
Sulphur Dioxide	-	No effect	No discoloration
Nitrogen Dioxide, Chlorine Dioxide	-	Plus error	Produce pale green
Halogens	-	Plus error	Produce pale green
Hydrogen Sulphide	-	No effect	No discoloration

Calibration gas generation Permeation tube method

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