

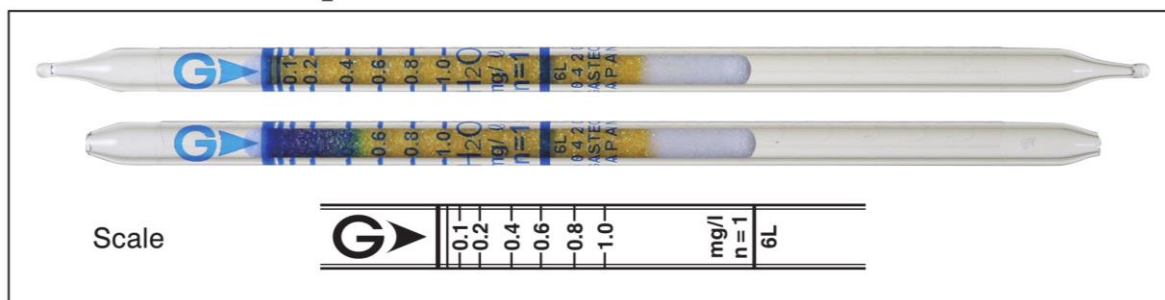


Water Vapour H₂O

Part No.: 6L

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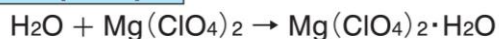
No.6L



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

Measuring range	(0.05) to 1.0 mg/L	1.0 to 2.0 mg/L
Number of pump strokes	1 (100 mL)	1/2 (50 mL)
Correction factor	1	2
Sampling time	30 sec	15 sec
Detecting limit :	0.03 mg/L (1 pump stroke)	
Colour change :	Yellow → Purple	
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction not used	
Relative standard deviation :	10 % (for 0.05 to 0.2 mg/L), 5 % (for 0.2 to 1 mg/L)	
Tube quantity and number of tests per box :	10 tubes for 10 tests	
Shelf life :	36 months	

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Alcohols	≥ 10 ppm	Unclear demarcation	Purple (whole layer)
Aldehydes			
Ammonia			Yellowish green
Ketones			Purple (whole layer)
Nitriles			
Hydrocarbons	≥ 100 ppm	No	No
Nitrogen dioxide		No	
Sulphur dioxide		+	

Calibration gas generation

Diffusion tube method