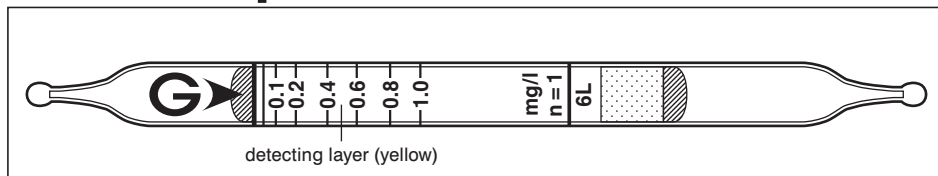


Water Vapour H₂O

No.6L

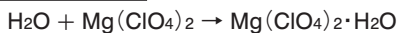


Performance The minimum scale value (0.05mg/l) is not printed on the tube, but only the scale line is printed.

Measuring range	(0.05) to 1 mg/l	1 to 2 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
 Corrections for temperature & humidity : Unnecessary
 Relative standard deviation : 10% (for 0.05 to 0.2 mg/l), 5% (for 0.2 to 1 mg/l)
 Shelf life : 3 years

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