

Water Vapour H₂O

No.6L

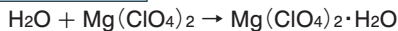


Performance The minimum scale value (0.05mg/L) is not printed on the tube, but only the scale line is printed.

Measuring range	(0.05) to 1.0 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			} Purple (whole layer)
Ketones			
Nitriles			
Hydrocarbons	≧ 100 ppm	No	} No
Nitrogen dioxide		No	
Sulphur dioxide		+	

Calibration gas generation

Diffusion tube method