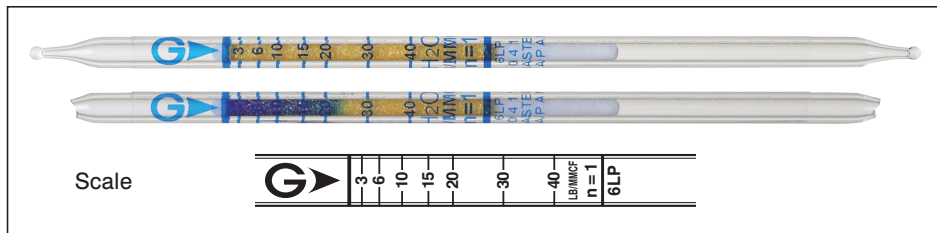


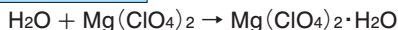
# Water Vapour (Pipeline Dew Point Tube) $H_2O$ No.6LP



## Performance

Measuring range	3 to 40 LB/MMCF	40 to 100 LB/MMCF
Number of pump strokes	1 (100 mL)	1/2 (50 mL)
Correction factor	1	2.5
Sampling time	1.5 min	45 sec
Detecting limit :	2 LB/MMCF (1 pump stroke)	
Colour change :	Yellow → Greenish purple (may become purple with high humidity)	
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used	
Relative standard deviation :	10 % (for 3 to 10 LB/MMCF), 5 % (for 10 to 40 LB/MMCF)	
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
Sulphur dioxide	≧ 15 ppm	No	No
Nitrogen dioxide, Hydrogen sulphide	≧ 30 ppm	No	No
Hydrogen cyanide	≧ 45 ppm	No	No
Methyl ethyl ketone	≧ 70 ppm	No	No
Ethyl acetate	≧ 100 ppm	No	No
Acrylonitrile	≧ 55 ppm	No	No
Acetaldehyde	≧ 50 ppm	No	No
Methanol	≧ 100 ppm	+	Green
Triethylene glycol		No	No

## Calibration gas generation

Diffusion tube method