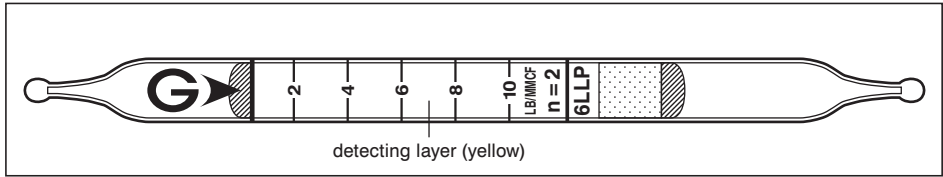


# Water Vapour H<sub>2</sub>O

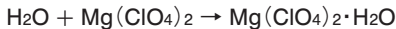
No.6LLP



## Performance

Measuring range	2 to 10 LB/MMCF
Number of pump strokes	2 (200 ml)
Correction factor	1
Sampling time	3 min
Detecting limit :	2 LB/MMCF (2 pump strokes)
Colour change :	Yellow → Green
Corrections for temperature & humidity :	Temperature correction is necessary.
Relative standard deviation :	10% (for 2 to 4 LB/MMCF), 5% (for 4 to 10 LB/MMCF)
Shelf life :	3 years

## 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	≧ 40 ppm	No	No
Methyl ethyl ketone	≧ 70 ppm	No	No
Ethyl acetate	≧ 100 ppm	No	No
Acrylonitrile	≧ 40 ppm	No	No
Acetaldehyde	≧ 50 ppm	No	No
Methanol	≧ 50 ppm	+	Green
Triethylene glycol		No	No

## Calibration gas generation

Diffusion tube method