

**Performance**

Measuring Range	2 to 10 LB/MMCF
Number of Pump Strokes	2
Correction Factor	1
Sampling Time	3 minutes per pump stroke
Detecting Limit	2 LB/MMCF (n=2)
Colour Change	Yellow → Green
Reaction Principle	Humidity reacts with reagent to produce green stain.
Coefficient of Variation	10% (for 2 to 4 LB/MMCF), 5% (for 4 to 10 LB/MMCF)
Shelf Life	3 Years
Corrections for temperature & humidity	Temperature correction is necessary
<b>Store the tubes at cool and dark place.</b>	

**Possible coexisting substances and their interferences**

Substance	Concentration	Interference	Change colour by itself
Sulphur dioxide	≤15ppm	No effect	No discoloration
Nitrogen dioxide, Hydrogen sulphide	≤30ppm	No effect	No discoloration
Hydrogen cyanide	≤40ppm	No effect	No discoloration
Methyl ethyl ketone	≤70ppm	No effect	No discoloration
Ethyl acetate	≤100ppm	No effect	No discoloration
Acrylonitrile	≤40ppm	No effect	No discoloration
Acetaldehyde	≤50ppm	No effect	No discoloration
Methanol	≥50ppm	Plus effect	Green stain
Triethylene glycol	-	No effect	No discoloration

**Calibration gas generation** Diffusion tube method

TLV-TWA	TLV-STEL	Explosive range
-	-	-