

**Performance**

<b>Measuring Range</b>	0.5 to 100 ppm
<b>Sampling Hours</b>	1 to 10 hours
<b>Detecting Limit</b>	0.2 ppm (10 hours)
<b>Colour Change</b>	Purple → Yellow
<b>Reaction Principle</b>	Acetic acid neutralizes alkali to discolour the indicator to yellow.
<b>Coefficient of Variation</b>	5% (for 5 to 20 ppm·hr), 10% (for 20 to 100 ppm·hr)
<b>Shelf Life</b>	3 Years
<b>Corrections for temperature &amp; humidity</b>	Temperature correction is necessary
<b>Store the tubes at cool and dark place.</b>	

**Possible coexisting substances and their interferences**

Substance	Interference	Change colour by itself
Hydrogen chloride, Nitric Acid	Plus error	Produce yellow stain
Chlorine, Nitrogen dioxide	Plus error	Produce yellow stain
Hydrogen cyanide, Sulphur dioxide	Plus error	Produce yellow stain

**Other substance measurable with this detector tube**

Substance	Correction	Sampling Hours	Measuring range
Formic acid	Factor: 1.1	1 to 10	0.55 to 110 ppm
Acetic anhydride	Factor: 0.6	1 to 10	0.3 to 60 ppm

**Calibration gas generation** Diffusion tube method

TLV-TWA	TLV-STEL	Explosive range
10ppm	15ppm	4 to 19.9%