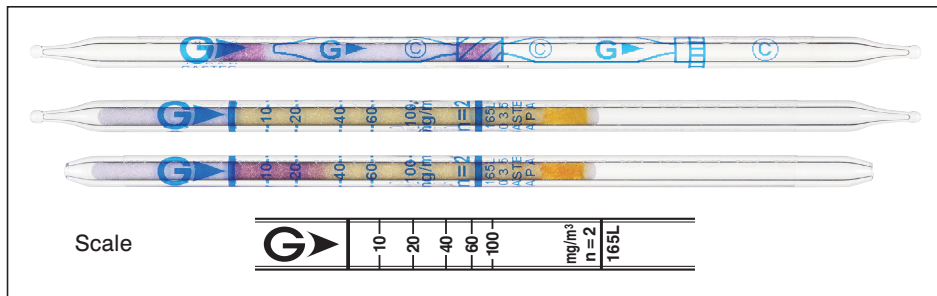


# Ethylene Glycol HOCH<sub>2</sub>CH<sub>2</sub>OH

No.165L

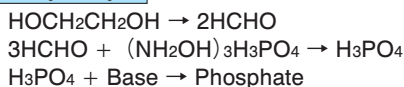


## Performance

When used, these tubes are to be connected.

Measuring range	10 to 100 mg/m <sup>3</sup>
Number of pump strokes	2 (200 mL)
Correction factor	1
Sampling time	6 min
Detecting limit :	2 mg/m <sup>3</sup> (2 pump strokes)
Colour change :	Yellow → Reddish brown
Operating conditions :	Temperature 5 to 40 °C (41 to 104 °F) correction used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	10 % (for 10 to 20 mg/m <sup>3</sup> ), 15 % (for 20 to 100 mg/m <sup>3</sup> )
Tube quantity and number of tests per box :	10 tubes for 5 tests
Shelf life :	36 months (in the refrigerator)

## Reaction principle



## Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Acid gases		+	} Reddish brown
Aldehydes		+	
Ketones		+	
tert-Butyl mercaptan		+	} Reddish brown (≥ 1 mg/m <sup>3</sup> )
Tetrahydrothiophene		+	

## Calibration gas generation

Vapour pressure method