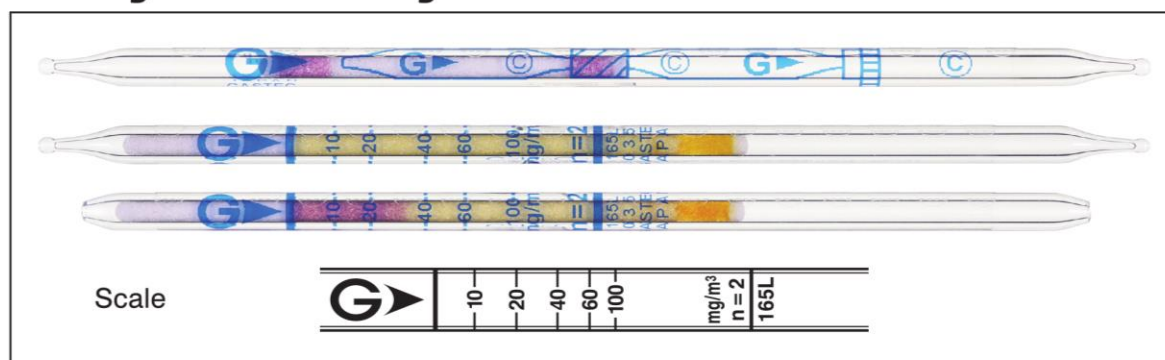




Ethylene Glycol HOCH₂CH₂OH

Part No.:165L

Ethylene Glycol HOCH₂CH₂OH No.165L

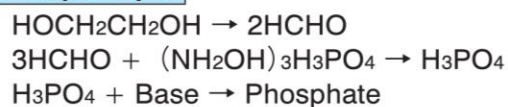


Performance

When used, these tubes are to be connected. See page 2-3.

Measuring range	10 to 100 mg/m ³
Number of pump strokes	2 (200 mL)
Correction factor	1
Sampling time	6 min
Detecting limit :	2 mg/m ³ (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 ³), 15 % (for 20 to 100 mg/m ³)
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 ($\geq 1 \text{ mg/m}^3$)
Tetrahydrothiophene		+	

Calibration gas generation

Vapour pressure method