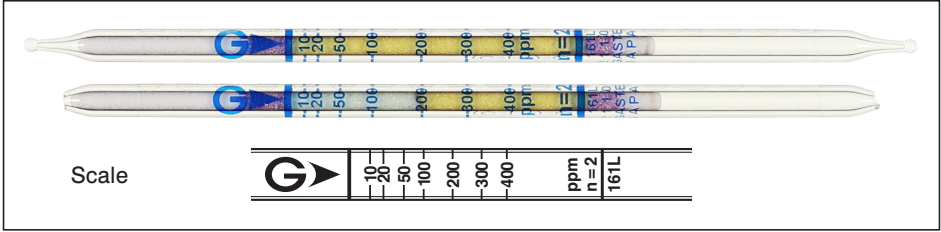


# Ethyl Ether (C<sub>2</sub>H<sub>5</sub>)<sub>2</sub>O

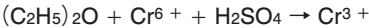
No.161L



## Performance

Measuring range	10 to 400 ppm	400 to 1120 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)
Correction factor	1	2.8
Sampling time	4 min	2 min
Detecting limit :	2 ppm (2 pump strokes)	
Colour change :	Yellow → Pale blue	
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 0 to 90 % correction not used	
Relative standard deviation :	10 % (for 10 to 100 ppm) , 5 % (for 100 to 400 ppm)	
Tube quantity and number of tests per box :	10 tubes for 10 tests	
Shelf life :	24 months	

## Reaction principle



## Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Methanol	≥ 10ppm	+	Pale blue (≥ 10ppm)
Acetone	≥ 10ppm	+	Pale blue (≥ 10ppm)
Ethyl acetate	≥ 1.6ppm	+	Pale blue (≥ 1.6ppm)

## Calibration gas generation

Diffusion tube method