

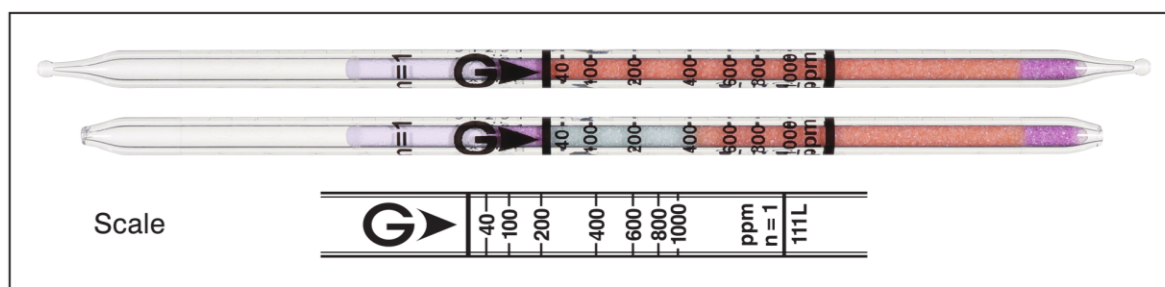


Methanol CH₃OH

Part No.:111L

Methanol CH₃OH

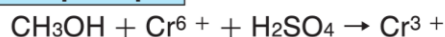
No.111L



Performance

Measuring range	20 to 40 ppm	40 to 1000 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)
Correction factor	1/2	1
Sampling time	4 min	2 min
Detecting limit :	15 ppm (2 pump strokes)	
Colour change :	Pale vermilion → Pale blue	
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 20 to 90 % correction not used	
Relative standard deviation :	10 % (for 40 to 200 ppm), 5 % (for 200 to 1000 ppm)	
Tube quantity and number of tests per box :	10 tubes for 10 tests	
Shelf life :	36 months	

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Alcohols		+	Pale blue
Acetone	≥ 1000 ppm	+	No (≤ 1000 ppm)
Ethyl acetate	≤ 500 ppm	No	No (≤ 500 ppm)
Toluene	≤ 300 ppm	No	No (≤ 300 ppm)
Benzene	≤ 70 ppm	No	No

Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Ethylene chlorohydrin	by scale	3	80 to 200 ppm

Calibration gas generation

Diffusion tube method