

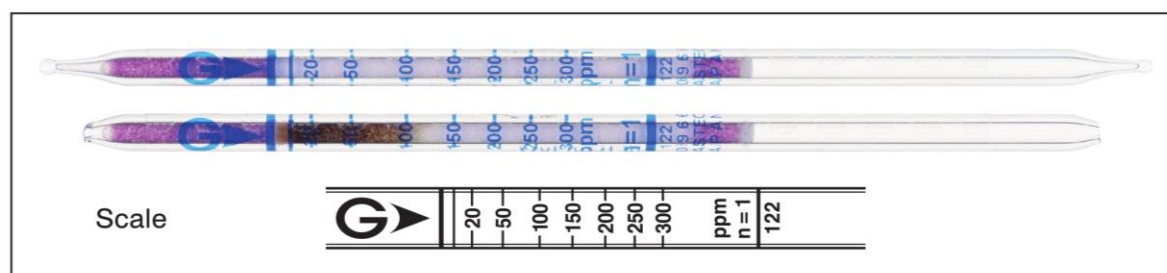


Toluene C₆H₅CH₃

Part No.:122

Toluene C₆H₅CH₃

No.122



Performance The minimum scale value (10ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	5 to 10 ppm	(10) to 300 ppm	300 to 690 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/2	1	2.3
Sampling time	3 min	1.5 min	1 min
Detecting limit :	1 ppm (2 pump strokes)		
Colour change :	White → Brown		
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction not used Relative humidity 0 to 90 % correction not used		
Relative standard deviation :	10 % (for 10 to 100 ppm), 5 % (for 100 to 300 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
Xylene	$\geq 1/5$	+ (Two layers)	Brown
Acetylene	≥ 2000 ppm		Pale brown (whole layer)
Carbon monoxide	≥ 1000 ppm		
Hexane	≥ 2000 ppm		
Benzene	$\geq 1/5$	+	Pale yellow

Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Ethyl benzene	Factor : 1.1	1	11 to 330 ppm

Calibration gas generation

Diffusion tube method