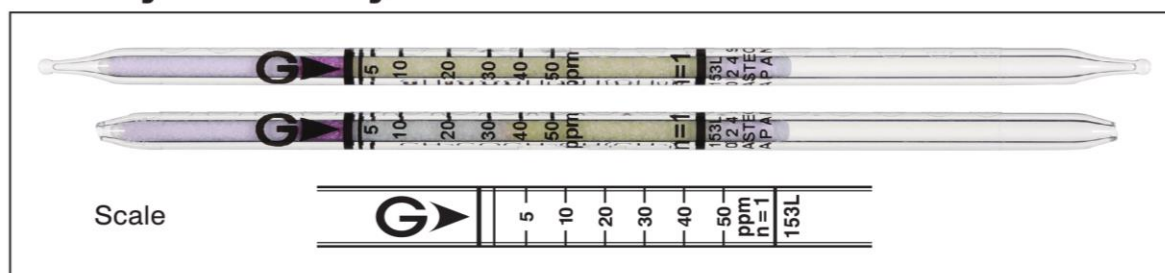




Methyl Isobutyl Ketone

Part No.:153L

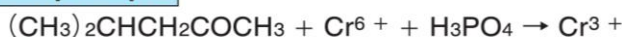
Methyl Isobutyl Ketone $(\text{CH}_3)_2\text{CHCH}_2\text{COCH}_3$ No.153L



Performance The minimum scale value (2.5ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	(2.5) to 50 ppm	50 to 130 ppm
Number of pump strokes	1 (100 mL)	1/2 (50 mL)
Correction factor	1	2.6
Sampling time	2 min	1 min
Detecting limit :	1.5 ppm (1 pump stroke)	
Colour change :	Pale 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 2.5 to 10 ppm)	
	5 % (for 10 to 50 ppm)	
Tube quantity and number of tests per box :	10 tubes for 10 tests	
Shelf life :	12 months	

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Acrolein	≤ 5 ppm	No	Pale blue (≥ 20 ppm)
Acetone		No	No
Acetic acid		No	No
Ethyl acetate	≥ 5 ppm	+	Pale blue
Diethyl ether		+	Pale blue
Toluene	≥ 5 ppm	+	White
Halogenated hydrocarbons		No	No
Hexane	≥ 15 ppm	+	White (≥ 15 ppm)
Benzene		No	No
Methanol	≥ 5 ppm	+	Pale blue (≥ 10 ppm)
Methyl ethyl ketone	≥ 5 ppm	+	White (≥ 5 ppm)

Calibration gas generation

Diffusion tube method