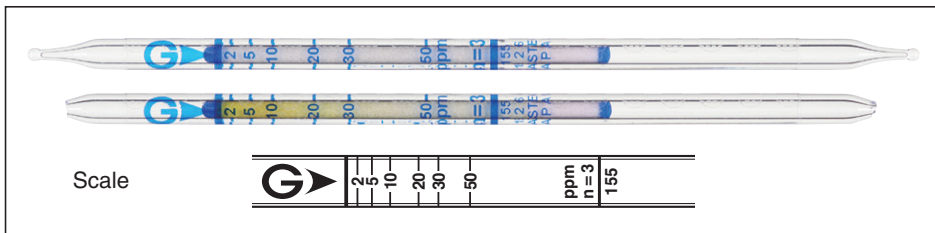


# Methylcyclohexanone $C_7H_{12}O$

No.155



## Performance

Measuring range	2 to 50 ppm	50 to 80 ppm
Number of pump strokes	3 (300 mL)	2 (200 mL)
Correction factor	1	1.6
Sampling time	9 min	6 min
Detecting limit :	0.2 ppm (3 pump strokes)	
Colour change :	Pale yellow → Yellow	
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 0 to 90 % correction not used	
Relative standard deviation :	15 % (for 2 to 10 ppm) , 10 % (for 10 to 50 ppm)	
Tube quantity and number of tests per box :	10 tubes for 10 tests	
Shelf life :	24 months (in the refrigerator)	

## Reaction principle



## Possible coexisting substances and their interferences

Substance	Concentration:	Interference	Changes colour by itself to
Ketones		+	Yellow

## Calibration gas generation

Diffusion tube method