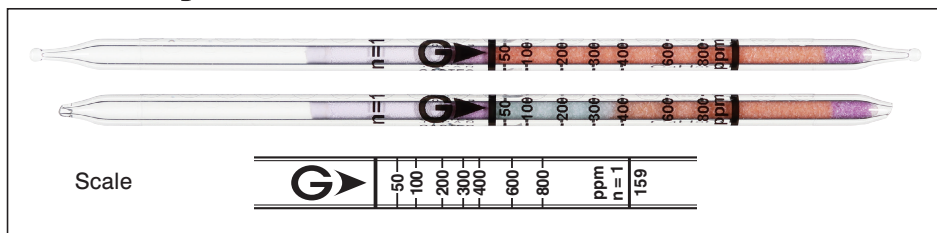


# Tetrahydrofuran C<sub>4</sub>H<sub>8</sub>O

No. 159



## Performance

Measuring range	20 to 50 ppm	50 to 800 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)
Correction factor	0.4	1
Sampling time	6 min	3 min
Detecting limit :	2 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 0 to 90 % correction not used	
Relative standard deviation :	15 % (for 50 to 200 ppm), 10 % (200 to 800 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

## Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
1,4-Dioxane	by scale	2	25 to 140 ppm

## Calibration gas generation

Diffusion tube method