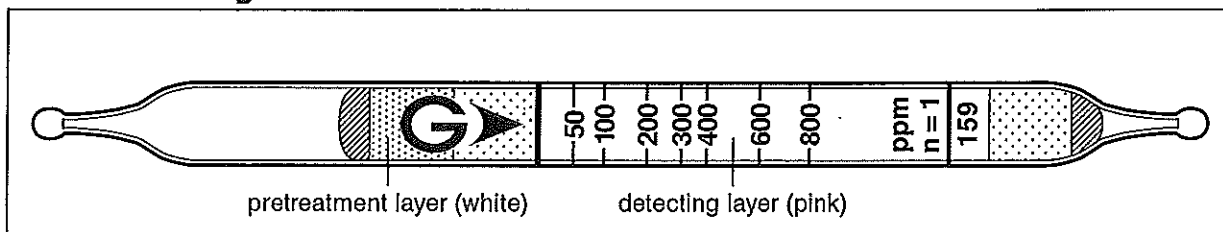


Tetrahydrofuran C₄H₈O

No.159

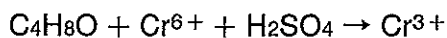


Performance

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 : Pink → Pale blue
 Corrections for temperature & humidity : Temperature correction is necessary.
 Relative standard deviation : 15 % (for 50 to 200 ppm), 10 % (200 to 800 ppm)
 Shelf life : 3 years

Reaction principle



Possible coexisting substances and their interferences (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to
Alcohols		+	Pale blue

Water vapour is trapped in the pretreatment (white) layer.

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