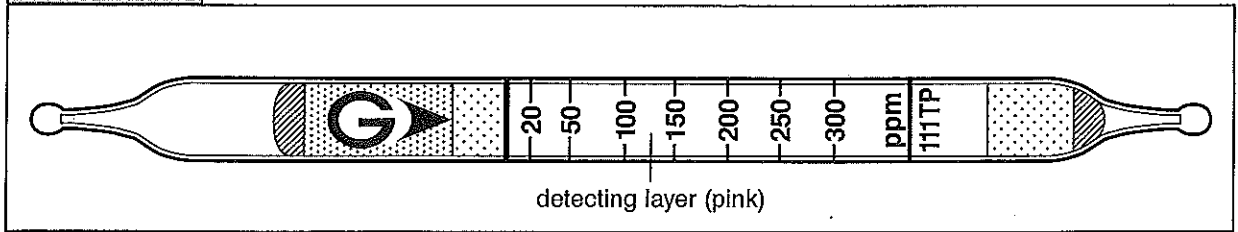


Detector tube

Methanol CH₃OH

No.111TP

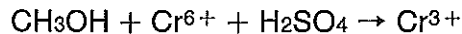


Performance

Measuring range	20 to 300 ppm
Sampling Rate	50 ml/min (500 ml)
Correction factor	1
Sampling time	10 min

Detecting limit : 5 ppm (500 ml)
 Colour change : Pink → Pale blue
 Corrections for temperature : Necessary for 0 to 40°C
 Corrections for humidity : Unnecessary for R.H. 10 to 90 %
 Relative standard deviation : 10 % (for 20 to 100 ppm), 5 % (for 100 to 300 ppm)
 Shelf life : 2 years

Reaction principle



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

Substance	Concentration	Interference	Changes colour by itself to
Alcohols		+	Pale blue
Ketones, Esters		No	No
Aliphatic hydrocarbons		No	No
Aromatic hydrocarbons		No	No

Calibration gas generation

Diffusion tube method