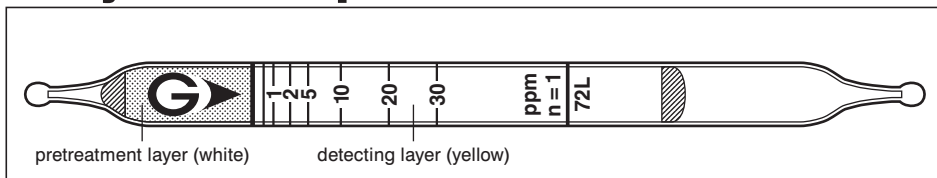


Ethyl Mercaptan C₂H₅SH

No. 72L



Performance The minimum scale value (0.5ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	0.2 to 0.5 ppm	(0.5) to 30 ppm	30 to 75 ppm
Number of pump strokes	2 (200 ml)	1 (100 ml)	1/2 (50 ml)
Correction factor	0.4	1	2.5
Sampling time	3 min	1.5 min	45 sec

Detecting limit : 0.15 ppm (2 pump strokes)

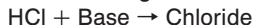
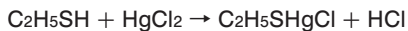
Colour change : Yellow → Red

Corrections for temperature & humidity : Temperature correction is necessary.

Relative standard deviation : 10 % (for 0.5 to 5 ppm), 5 % (for 5 to 30 ppm)

Shelf life : 2 years

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Hydrogen sulphide		+	} Red
Mercaptans		+	
Acetylene		No	} No
Carbon monoxide		No	
Ethylene		No	

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

Calibration gas generation

Permeation tube method

Special note

This detector tube is suitable for measuring concentrations of ethyl mercaptan used as an odorant in fuel gases for warning of their leakage.