

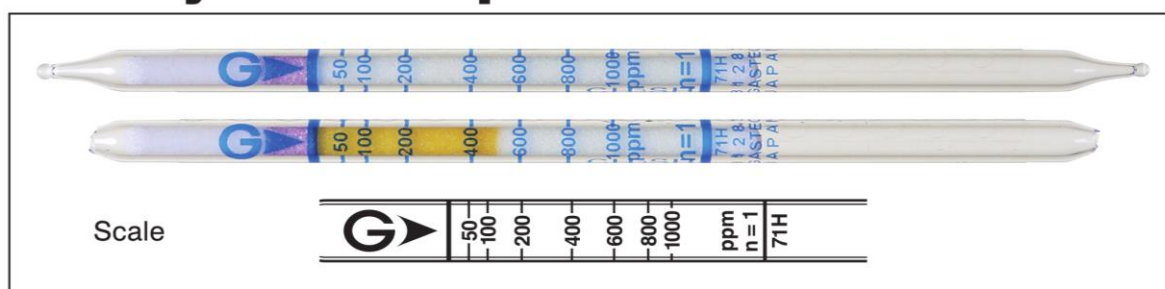


## Methyl Mercaptan CH<sub>3</sub>SH

Part No.:71H

# Methyl Mercaptan CH<sub>3</sub>SH

No.71H



### Performance

Measuring range	20 to 50 ppm	50 to 1000 ppm	1000 to 2700 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	0.4	1	2.7
Sampling time	1.5 min	45 sec	30 sec

Detecting limit : 2 ppm (2 pump strokes)

Colour change : White → Yellow

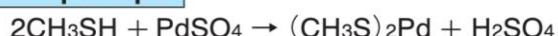
Operating conditions : Temperature 0 to 40 °C (32 to 104 °F) correction not used  
Relative humidity 0 to 90 % correction not used

Relative standard deviation : 10 % (for 50 to 200 ppm), 5 % (for 200 to 1000 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
Mercaptans		+	Yellow
Carbon monoxide		No	} No
Ethylene		No	
Hydrogen sulphide	≥ 1000 ppm	+	
Nitrogen dioxide		No	

Up to 1000 ppm of hydrogen sulphide is trapped in the pretreatment (white) layer.

### Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Ethyl mercaptan	by scale	1	100 to 3800 ppm

### Calibration gas generation

Static gas dilution method