

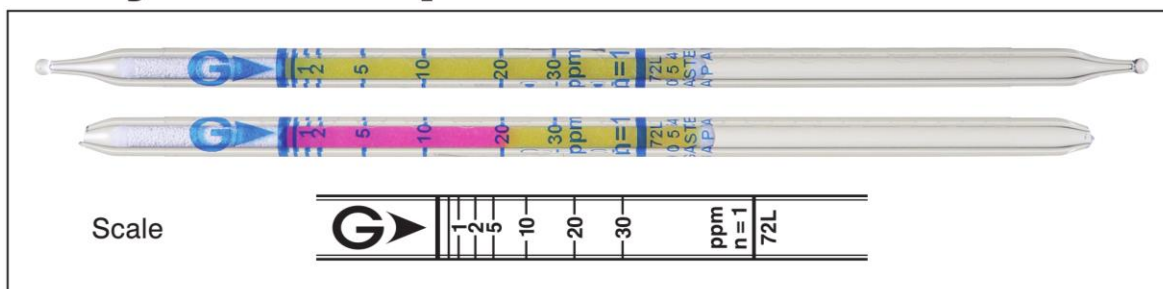


## Ethyl Mercaptan C<sub>2</sub>H<sub>5</sub>SH

Part No.:72L

# Ethyl Mercaptan C<sub>2</sub>H<sub>5</sub>SH

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

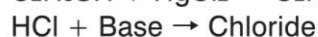
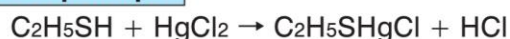
Operating conditions : Temperature 0 to 40 °C (32 to 104 °F) correction used  
Relative humidity 0 to 90 % correction not used

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

Tube quantity and number of tests per box : 10 tubes for 10 tests

Shelf life : 24 months

### 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           |                             |

### 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.