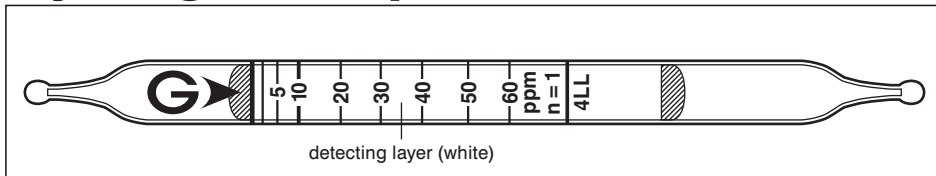


Hydrogen Sulphide H₂S

No.4LL



Performance The minimum scale value (2.5ppm) is not printed on the tube, but only the scale line is printed.

| | | | |
|------------------------|-------------------------|-----------------|---------------|
| Measuring range | 0.25 to 2.5 ppm | (2.5) to 60 ppm | 60 to 120 ppm |
| Number of pump strokes | 2 to 10 (200 to 1000ml) | 1 (100 ml) | 1/2 (50 ml) |
| Correction factor | 1/2 to 1/10 | 1 | 2 |
| Sampling time | 2 to 10 min | 1 min | 30 sec |

Detecting limit : 0.1 ppm (10 pump strokes)

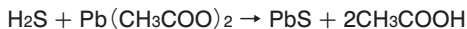
Colour change : White → Brown

Corrections for temperature & humidity : Unnecessary

Relative standard deviation : 5 % (for 2.5 to 60 ppm)

Shelf life : 3 years

Reaction principle



Possible coexisting substances and their interferences

| Substance | Concentration | Interference | Changes colour by itself to |
|------------------|---------------|--------------|-----------------------------|
| Nitrogen dioxide | ≧ 1/4 | - | } No |
| Sulphur dioxide | ≧ 1/1 | + | |
| Ozone | | Bleaching | |
| Hydrogen cyanide | | No | |
| Mercaptans | | No | |

Calibration gas generation

Permeation tube method