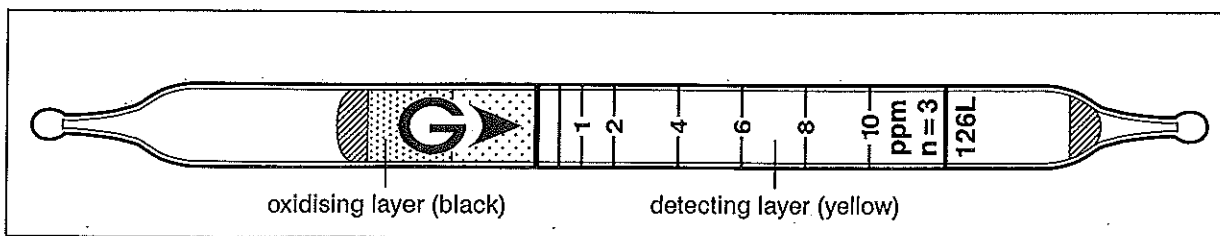


Chlorobenzene C₆H₅Cl

No.126L

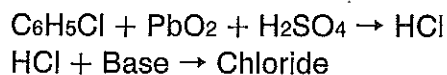


Performance

| | | |
|------------------------|-----------------|--------------|
| Measuring range | (0.5) to 10 ppm | 10 to 43 ppm |
| Number of pump strokes | 3 (300 ml) | 1 (100 ml) |
| Correction factor | 1 | 4.3 |
| Sampling time | 4.5 min | 1.5 min |

Detecting limit : 0.2 ppm (3 pump strokes)
 Colour change : Yellow → Pale purple
 Corrections for temperature & humidity : Temperature correction is necessary.
 Relative standard deviation : 10 % (for 0.5 to 2 ppm), 5 % (2 to 10 ppm)
 Shelf life : 2 years (in the refrigerator)

Reaction principle



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

| Substance | Concentration | Interference | Changes colour by itself to |
|-----------------------------|---------------|--------------|-----------------------------|
| Chlorine, Hydrogen chloride | | + | } Pale purple |
| Tetrachloroethylene | | + | |
| Trichloroethylene | | + | |

Calibration gas generation

Diffusion tube method