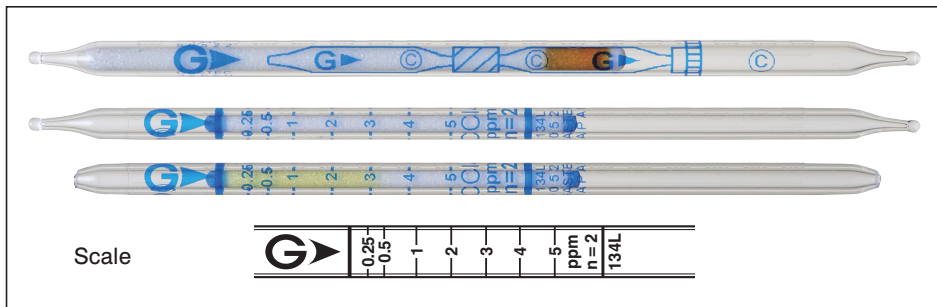


Carbon Tetrachloride CCl_4

No.134L



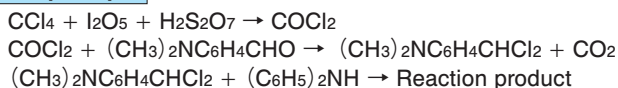
Performance

When used, these tubes are to be connected. See page 2-3.

| | | |
|------------------------|---------------|-------------|
| Measuring range | 0.25 to 5 ppm | 5 to 11 ppm |
| Number of pump strokes | 2 (200 mL) | 1 (100 mL) |
| Correction factor | 1 | 2.2 |
| Sampling time | 4 min | 2 min |

| | |
|---|--|
| Detecting limit : | 0.04 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 0.25 to 1 ppm), 5 % (for 1 to 5 ppm) |
| Tube quantity and number of tests per box : | 10 tubes for 5 tests |
| Shelf life : | 12 months (in the refrigerator) |

Reaction principle



Possible coexisting substances and their interferences

| Substance | Concentration | Interference | Changes colour by itself to |
|-----------------------|---------------|--------------|-----------------------------|
| Hydrogen chloride | | No | No |
| Chlorine, Bromine | ≧ 3/10 | + | No (≦ 0.4 ppm) |
| Methyl bromide | ≧ 2.5 times | + | Pale yellow (≧ 2.5 ppm) |
| 1,1,1-Trichloroethane | ≧ 14 ppm | + | No (≦ 17 ppm) |

Other substance measurable with this detector tube

| Substance | Correction | No. of pump strokes | Measuring range |
|--------------|--------------|---------------------|-----------------|
| Chloropicrin | Factor : 1.1 | 2 | 0.28 to 5.5 ppm |

Calibration gas generation

Diffusion tube method