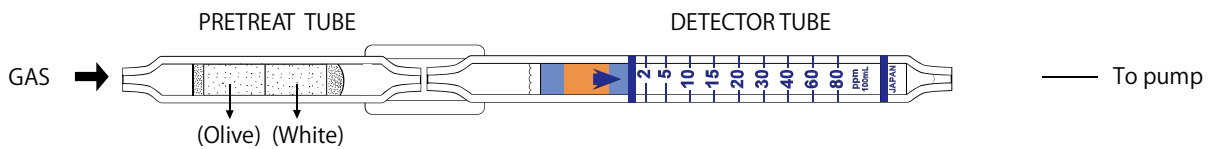


Tube No.
157SB©

BROMOCHLOROMETHANE



1. PERFORMANCE

- | | |
|--------------------------|---|
| 1) Measuring range | : 2-80 ppm 20-400 ppm |
| Number of pump strokes | 1(100mL) 1/2(50mL) |
| 2) Sampling time | : 1.5 minutes/1 pump stroke |
| 3) Detectable limit | : — |
| 4) Shelf life | : 3 years (Necessary to store in a refrigerated place; 0~10°C) |
| 5) Operating temperature | : 15 ~ 25°C |
| 6) Reading | : The printed scales are calibrated by Methyl bromide at 1 pump stroke. Bromochloromethane 2-80ppm; direct reading from the scale calibrated by 1 pump stroke Bromochloromethane 20-400ppm; concentration is determined by using a conversion chart at 1/2 pump strokes |
| 7) Colour change | : White → Yellow |

2. CHEMICAL REACTION

By decomposing with an Oxidizer, Bromine and Chlorine are produced. They react with o-Toluidine and yellow Orthoquinone is produced.

3. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

4. INTERFERENCE AND CROSS SENSITIVITY

| Substance | Interference | ppm | Coexistence |
|--------------------------|---|-----|----------------------------|
| Halogens | Similar stain is produced. | | Higher readings are given. |
| Halogenated hydrocarbons | " | | " |
| Hexane | The accuracy of readings is not affected. | 200 | Lower readings are given. |

Bromochloromethane or Ethyl bromide concentration (ppm)

