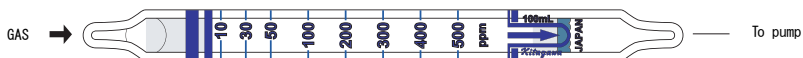


Tube No.
179S

ETHYL BENZENE



1. PERFORMANCE

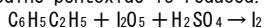
- 1) Measuring range : 10-500 ppm
Number of pump strokes 1(100mL)
- 2) Sampling time : 2 minutes/1 pump stroke
- 3) Detectable limit : 3 ppm
- 4) Shelf life : 1.5 years
- 5) Operating temperature : 0~40°C
- 6) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 7) Colour change : White→Brown

2. RELATIVE STANDARD DEVIATION

RSD-low : 10% RSD-mid. : 10% RSD-high : 5%

3. CHEMICAL REACTION

Iodine pentoxide is reduced.



4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

| Substance | Interference | ppm | Coexistence |
|-----------|---|------|----------------------------|
| Benzene | Similar stain is produced. | | Higher readings are given. |
| Toluene | " | | " |
| Xylene | " | | " |
| Methanol | The accuracy of readings is not affected. | 1 % | " |
| Hexane | Pale brown stain is produced. | 0.1% | " |