Tube No.
135SG

TETRACHLOROETHYLENE

1. PERFORMANCE

1) Measuring range : 0.2-2.0% 0.1-0.2%
Number of pump strokes 1(100mL) 2(200mL)
2) Sampling time : 3.5 minutes/1 pump stroke
3) Detectable limit : 0.08 %(100mL)
4) Shelf life : 2 years
5) Operating temperature : 0～40℃
6) Reading : Direct reading from the scale calibrated by 1 pump stroke
7) Colour change : White→Dark brown

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

Iodine pentoxide is reduced.

$Cl_2C=CCl_2 + I_2O_5 + H_2SO_4 \rightarrow I_2$

4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	%	Coexistence
Trichloroethylene	Yellow stain is produced.	0.2	Higher readings are given.
1,1,1-Trichloroetane	Orange stain is produced.	0.3	〃
1,2-Dichloroethylene	〃	0.1	〃
Vinyl chloride	〃	0.02	〃
Aromatic hydrocarbons	Blackish brown stain is produced.	-	No interference
Carbon monoxide	Brownish-red stain is produced.	0.05	Higher readings are given.