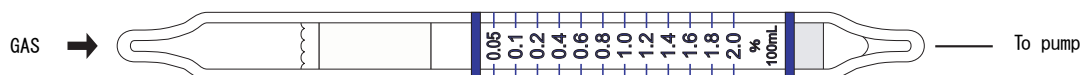


Tube No.
134SG

TRICHLOROETHYLENE



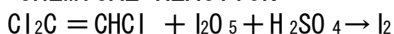
1. PERFORMANCE

- 1) Measuring range : 0.05-2.0%
- Number of pump strokes : 1(100mL)
- 2) Sampling time : 3 minutes/1 pump stroke
- 3) Detectable limit : 0.01 %(100mL)
- 4) Shelf life : 2 years
- 5) Operating temperature : 0~40°C
- 6) Temperature compensation : Necessary (0~20°C) (See "TEMPERATURE CORRECTION TABLE")
- 7) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 8) Colour change : White→Yellow

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION



4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	%	Coexistence
Tetrachloroethylene	Brown stain is produced.	0.2	Higher readings are given.
1,1,1-Trichloroethane	Orange stain is produced.	0.2	"
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.

TEMPERATURE CORRECTION TABLE

Tube Readings (%)	Corrected Concentration (%)			
	0°C (32°F)	5°C (41°F)	10°C (50°F)	20°C-40°C (68-104°F)
2.0	---	2.7	2.3	2.0
1.8	---	2.4	2.1	1.8
1.6	---	2.1	1.9	1.6
1.4	2.4	1.8	1.6	1.4
1.2	1.9	1.55	1.4	1.2
1.0	1.5	1.3	1.15	1.0
0.8	1.2	1.0	0.9	0.8
0.6	0.9	0.75	0.7	0.6
0.4	0.6	0.5	0.46	0.4
0.2	0.3	0.25	0.22	0.2
0.1	0.15	0.13	0.11	0.1
0.05	0.06	0.05	0.05	0.05