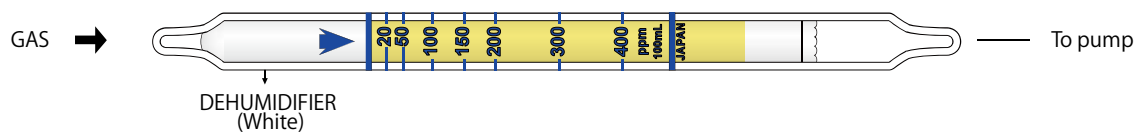


Tube No.
162U

TETRAHYDROFURAN



1. PERFORMANCE

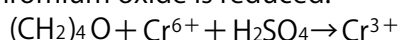
- 1) Measuring range : 20-400 ppm 5-100 ppm
Number of pump strokes 1(100mL) 3(300mL)
- 2) Sampling time : 1.5 minutes/1 pump stroke
- 3) Detectable limit : 2 ppm(300mL)
- 4) Shelf life : 2 years
- 5) Operating temperature : 0~40°C
- 6) Temperature compensation : Necessary (See "TEMPERATURE CORRECTION TABLE")
- 7) Operating humidity : 0~100%R.H. for 100mL at 0~40°C and 300mL at 0~25°C
0~80%R.H. for 300mL at 26~30°C
0~50%R.H. for 300mL at 31~40°C
- 8) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 9) Colour change : Yellow→Pale blue

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

Chromium oxide is reduced.



4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Alcohols	Similar stain is produced.	Higher readings are given.
Ethers	//	//
Esters	Whole reagent is changed to Pale brown.	//
Ketones	//	//
Aromatic hydrocarbons	//	//
Aliphatic hydrocarbons (more than C ₃)	//	//
Halogenated hydrocarbons	//	//

TEMPERATURE CORRECTION TABLE

Tube Readings (ppm)	Corrected Concentration (ppm)		
	0°C (32°F)	10°C (50°F)	20°C - 40°C (68°F - 104°F)
400	500	430	400
300	380	320	300
200	250	220	200
150	190	160	150
100	130	110	100
50	63	54	50
20	25	22	20