



## 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 : -
- 4) Shelf life : 3 years(Necessary to store in refrigerated conditions;0~10°C)
- 5) Operating temperature : 15~25°C
- 6) Reading : The tube scale is calibrated based on Methyl bromide at 1 pump stroke and the tube has the same sensitivity for 1-Bromopropane.
- 7) Colour change : White → Reddish orange

## 2. RELATIVE STANDARD DEVIATION

RSD-low : 15% RSD-mid. : 10% RSD-high : 10%

## 3. CHEMICAL REACTION

By decomposing with an Oxidizer, Bromine is produced. Bromine reacts with o-Toluidine and red Orthoquinone is produced.



## 4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

## 5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	ppm	Coexistence
Halogen	Similar stain is produced.		Higher readings are given.
Halogenated hydrocarbon	//		//
Trichloroethylene	//	20	//
Tetrachloroethylene	//	40	//