

1. PERFORMANCE

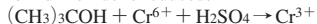
- 1) Measuring range : 20-500 ppm
- Number of pump strokes : 1 (100mL)
- 2) Sampling time : 1.5 minutes / 1 pump stroke
- 3) Detectable limit : —
- 4) Shelf life : 2 years
- 5) Operating temperature : 15~25°C
- 6) Reading : The tube scales are calibrated based on Ethyl acetate at 1 pump stroke and tert-Butanol concentration is determined by using a conversion chart at 1 pump stroke
- 7) Colour change : Yellow → Brown

2. RELATIVE STANDARD DEVIATION

RSD-low : — RSD-mid. : — RSD-high : —

3. CHEMICAL REACTION

Chromium oxide is reduced.



4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Alcohols	Similar or brown stain is produced.	Higher readings are given.
Ethers	∕	∕
Ketones	∕	∕
Aromatic hydrocarbons	∕	∕
Aliphatic hydrocarbons (more than C ₃)	Whole reagent is change to pale Brown.	If the maximum end point of the stain is discernable, the accuracy of readings is not affected.
Halogenated hydrocarbons	∕	∕