

1. PERFORMANCE

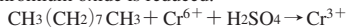
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|--------------------------|---|-----------|
| 1) Measuring range | : 10-160 ppm | 5-80 ppm |
| Number of pump strokes | : 1/2 (50mL) | 1 (100mL) |
| 2) Sampling time | : 1.5 minutes / 1 pump stroke | |
| 3) Detectable limit | : — | |
| 4) Shelf life | : 2 years | |
| 5) Operating temperature | : 15 ~ 25°C | |
| 6) Reading | : The tube scales are calibrated based on Ethyl acetate at 1 pump stroke and n-Nonane concentration is determined by using a conversion chart at 1/2 and 1 pump strokes | |
| 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 stain is produced.	Higher readings are given.
Esters	∕	∕
Ketones	∕	∕
Aromatic hydrocarbons	∕	∕
Aliphatic hydrocarbons (more than C ₃)	Whole reagent is changed to pale brown.	If the maximum end point of the stain is discernable, the accuracy of readings is not affected.
Halogenated hydrocarbons	∕	∕