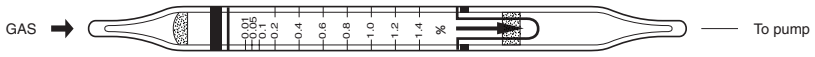
Tube No.
139SB©

BUTYL ACETATE



1. PERFORMANCE

1) Measuring range : 0.01-1.0 %
   Number of pump strokes 2 (200mℓ)
2) Sampling time : 3 minutes/2 pump strokes
3) Detectable limit : 10 ppm
4) Shelf life : 3 years
5) Operating temperature : 0～40℃
6) Reading : Graduations printed on the tube are calibrated by Methyl ethyl ketone at 2 pump strokes and Butyl acetate concentration is determined by using a conversion chart.
7) Colour change : Orange→Brownish green

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

Dichromate is reduced.

$CH_3CO_2(CH_2)_3CH_3 + Cr^{6+} + H_2SO_4 \rightarrow Cr^{3+}$

4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	ppm	Coexistence
Acetylene		3%	Whole reagent is clanged to Brown.
Propane		0.2%	〃
Other organic gases or vapours except Halogenated hydrocarbons	Similar stain is produced.	50	Higher readings are given.