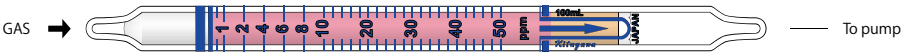
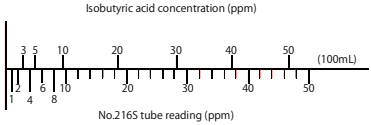
Tube No.
216S ©

ISOBUTYRIC ACID





1. PERFORMANCE

1) Measuring range : 3-50 ppm
   Number of pump strokes 1(100mL)
2) Sampling time : 1.5 minutes/1 pump stroke
3) Detectable limit : —
4) Shelf life : 3 years
5) Operating temperature : 15～25℃
6) Reading : The printed scales are calibrated by Acetic acid at 1 pump stroke. Isobutyric acid concentration is determined by using a conversion chart at 1 pump stroke
7) Colour change : Pale pink → Yellow

2. CHEMICAL REACTION

By reacting with alkali, PH indicator is discoloured.

3. CALIBRATION OF THE TUBE

DIFFUSION TUBE METHOD

4. INTERFERENCE AND CROSS SENSITIVITY

Substance	ppm	Interference	ppm	Coexistence
Sulphur dioxide		Similar stain is produced.	HCO_2H conc. × 1/20	Higher readings are given.
Nitrogen dioxide	300	〃	10	The top of discoloured layer becomes unclear.
Hydrogen chloride		Pink stain is produced.	HCO_2H conc. × 2	Higher readings are given.
Chlorine		Yellow stain is produced.	5	〃
Acetic acid		Similar stain is produced.		〃