BUTYRIC ACID



1 PERFORMANCE

1) Measuring range : 3-60 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 °C

6) Reading Graduations printed on the tube are calibrated by Acetic acid

at 1 pump stroke and Butyric Acid concentration is determined by

using a conversion chart at 1 pump stroke.

7) Colour change : Pale pink → Yellow

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

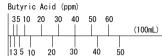
By reacting with alkali, PH indicator is discoloured. $CH_3CH_2CH_2COOH + NaOH \rightarrow C_3H_7COONa + H_2O$

4. CALIBRATION OF THE TUBE

VAPOUR PRESSURE METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	ppm	Interference	Coexistence
Sulphur dioxide		Similar stain is produced.	Higher readings are given.
Nitrogen dioxid	300	"	The top of discoloured layer becomes unclear.
Hydrogen chloride		Pink stain is produced.	Higher readings are given.
Chlorine		Blueish yellow stain is produced.	"
Acetic acid		Similar stain is produced.	"



No. 216S tube reading (ppm)