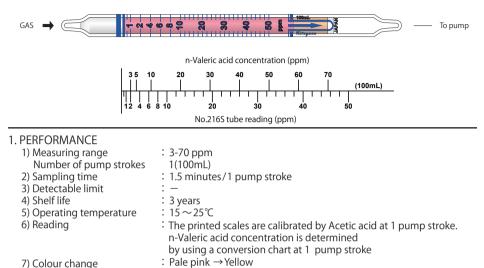
n-VALERIC ACID



/) colour change

2. CHEMICAL REACTION

Tube No.

216S ©

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.	$HCO_{2}Hconc. \times 1/20$	Higher readings are given.
Nitrogen dioxide	300	//	10	The top of discoloured layer becomes unclear.
Hydrogen chloride		Pink stain is produced.	HCO 2Hconc. × 2	Higher readings are given.
Chlorine		Yellow stain is produced.	5	//
Acetic acid		Similar stain is produced.		//