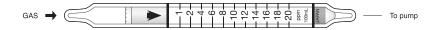
# CYCLOHEXYL AMINE



### 1. PERFORMANCE

1) Measuring range 1-20 ppmNumber of pump strokes  $1(100 \text{m} \ell)$ 

2) Sampling time : 1 minute/1 pump stroke

3) Detectable limit : -

4) Shelf life : 3 years 5) Operating temperature :  $15 \sim 25 \, ^{\circ}$ C

6) Reading : Direct reading from the scale calibrated by 1 pump stroke

7) Colour change : Pale purple → Pale Yellow

## 2. RELATIVE STANDARD DEVIATION

RSD-low: 10% RSD-mid.: 5% RSD-high: 5%

## 3. CHEMICAL REACTION

By reacting with Phosphoric acid, PH indicator is discoloured.  $C_6H_{11}NH_2+H_3PO_4\rightarrow (R_2NH_3)_3PO_4$ 

## 4. CALIBRATION OF THE TUBE

PERMEATION TUBE METHOD

#### 5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Amines	Similar stain is produced.	Higher readings are given.