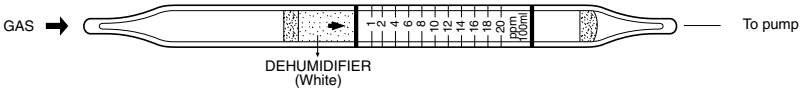
Tube No.
227S

ETHYL AMINE



1. PERFORMANCE

1) Measuring range : 1-20 ppm
   Number of pump strokes 1 (100mℓ)
2) Sampling time : 1 minute/1 pump stroke
3) Detectable limit : 0.2 ppm
4) Shelf life : 3 years
5) Operating temperature : 0 ~ 40 ℃
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. : 10 % RSD-high : 10 %

3. CHEMICAL REACTION

By reacting with Phosphoric acid, Ph indicator is discoloured.

$CH_3CH_2NH_2 + H_3PO_4 \rightarrow (CH_3NH_3)_2HPO_4$

4. CALIBRATION OF THE TUBE

COLOURIMETRY METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Ammonia	Similar stain is produced.	Higher reading are given.
Other amines	〃	〃

(NOTE)

This tube scale is calibrated based on Methyl amine and the same scale is available for Ethyl amine.