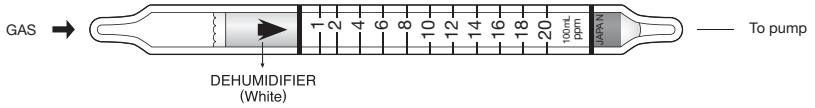
Tube No.
222S

TRIMETHYL 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 : 0.3 ppm
4) Shelf life : 3 years
5) Operating temperature : 0～40℃
6) Reading : The tube scale is calibrated based on Diethyl amine at 1 pump stroke and the tube has the same sensitivity for Trimethyl amine.
7) Colour change : Pale purple→Pale yellow

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

Phosphoric acid, PH indicator is discoloured.

$$2(CH_3)_3N + H_3PO_4 \rightarrow [(CH_3)_3NH]_2HPO_4$$

4. CALIBRATION OF THE TUBE

DIFFUSION TUBE METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Ammonia	Similar stains are produced	Higher readings are given.
Other amines	〃	〃