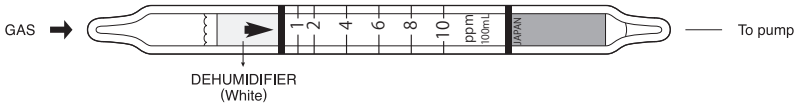
Tube No.
213S

TRIETHYL AMINE



1. PERFORMANCE

1) Measuring range	: 2-20 ppm	1-10 ppm	0.5-2 ppm
Number of pump stroke	1/2(50mL)	1(100mL)	2(200mL)
2) Sampling time	: 1 minute/1 pump stroke		
3) Detectable limit	: 0.2 ppm(100mL)		
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. : 5% RSD-high : 5%

3. CHEMICAL REACTION

By reacting with Phosphoric acid, PH indicator is discoloured.

$2(C_2H_5)_3N + H_3PO_4 \rightarrow [(C_2H_5)_3NH_2]_2HPO_4$

4. CALIBRATION OF THE TUBE

DIFFUSION TUBE METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

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

(NOTE)

In case of 1/2 pump strokes, following formula is available for the actual concentration.
Actual concentration = 2 × Reading value

In case of 2 pump strokes, following formula is available for the actual concentration.
Actual concentration = 0.5 × Reading value