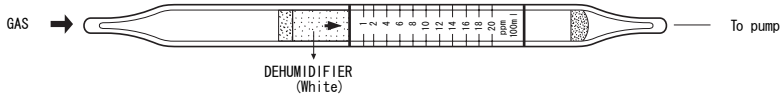


Tube No.
105SD[©]

o-TOLUIDINE



1. PERFORMANCE

- 1) Measuring range : 2-22ppm
Number of pump strokes : 1(100mL)
- 2) Sampling time : 1 minute/1 pump stroke
- 3) Detectable limit : -
- 4) Shelf life : 3 years
- 5) Operating temperature : 15 ~ 25°C
- 6) Reading : Graduations printed on the tube are calibrated by Ammonia at 1 pump stroke and o-Toluidine concentration is determined by using a conversion chart at 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.
 $C_6H_4(CH_3)(NH_2) + H_3PO_4 \rightarrow (RNH_3)_3PO_4$

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.

