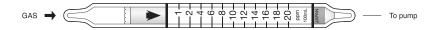
105SDG Di-iso-PROPYL AMINE



1. PERFORMANCE

: 1-16 ppm 1) Measuring range Number of pump strokes 1 (100m l)

2) Sampling time : 1 minute/1 pump stroke

3) Detectable limit

4) Shelf life : 3 years 5) Operating temperature : 15 ~ 25 ℃

6) Reading : Graduations printed on the tube are calibrated by Ammonia at 1 pump stroke

and Di-iso-Propyl amine 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. $[(CH_3)_2CH]_2NH + H_3PO_4 \rightarrow (R_2NH_2)_3PO_4$

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.

