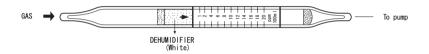
Di-iso-PROPYL AMINE



1 PERFORMANCE

1) Measuring range : 1-16ppm 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 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. $[(CH_3)_2 CH]_2 NH + H_3 PO_4 \rightarrow (R_2 NH_2)_3 PO_4$

4. CALIBRATION OF THE TUBE

PERMEATION TUBE METHOD

INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Amines	Similar stain is produced.	Higher readings are given.

