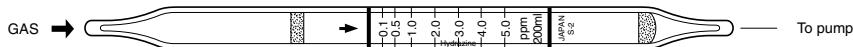


Tube No.
219S

HYDRAZINE



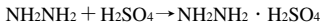
1. PERFORMANCE

- 1) Measuring range : 0.2-10 ppm 0.1-5 ppm 0.05-2.5 ppm
Number of pump strokes 1 (100mℓ) 2 (200mℓ) 4 (400mℓ)
- 2) Sampling time : 2 minutes/2 pump strokes
- 3) Detectable limit : 0.02 ppm (400mℓ)
- 4) Shelf life : 2 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Temperature compensation : Necessary (See "TEMPERATURE CORRECTION TABLE")
- 7) Reading : Direct reading from the scale calibrated by 2 pump strokes
- 8) Colour change : Yellow → Blue

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION



4. CALIBRATION OF THE TUBE

COLOURIMETRY METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

(NOTE)

In case of 1 or 4 pump strokes, following formula is available for the actual concentration.

Actual concentration = Temperature corrected value × 2/Number of strokes

TEMPERATURE CORRECTION TABLE

Scale Readings (ppm)	True Concentration (ppm)				
	0 °C (32 °F)	10 °C (50 °F)	20 °C (68 °F)	30 °C (86 °F)	40 °C (104 °F)
5.0	7.0	6.0	5.0	4.5	4.0
4.0	5.6	4.7	4.0	3.6	3.2
3.0	4.2	3.6	3.0	2.7	2.4
2.0	2.8	2.4	2.0	1.8	1.6
1.0	1.3	1.2	1.0	0.9	0.8
0.5	0.5	0.5	0.5	0.45	0.4
0.1	0.1	0.1	0.1	0.1	0.1