



## Test System For Counting Aerobic Bacteria

### DIRECTIONS FOR USE

#### Liquid Sampling - Dilutions

In general it is advisable to dilute liquid samples prior to testing with SANI-CHECK AB, particularly when high levels of bacterial contamination are expected. The more dilute the sample can be made, the more accurate will be the result. The enclosed dropper and vial allow the following dilutions to be made:

- [a] 1:10 - Fill sample vial to the blue line with tap water. Add one entire dropperful of sample to the vial. Cap vial and mix contents by gently shaking.
  - [b] 1:100 - Fill sample to the blue line with tap water. Fill dropper with sample and add five drops to water in vial. Cap and gently shake.
  - [c] 1:1000 - Fill sample vial to the red line with tap water and fill dropper with sample. Add one drop of sample to vial and mix by capping and gently shaking.
- Rinse vials thoroughly with tap water [hot water if possible] between each use. Proceed to directions below upon completion of [a], [b], or [c] above.

#### Liquid Sampling - Directions

1. Dip pad end of strip into diluted or undiluted sample for 5-10 seconds. For non-aqueous liquids the pad must be pre-wet with sterile water. [A bottle of sterile water will be provided upon request.]
2. Remove strip from sample and shake off excess liquid.
3. Open transparent pouch and insert test strip.
4. Seal top of pouch.
5. Label test and incubate between 25 and 30C for 24-36 hours. If lower incubation temperatures are used, allow an additional 12-24 hours before reading strip.
6. After incubation, compare strip in pouch to interpretation chart on label.
7. Refer number value obtained to conversion table below to determine the yeast or bacteria count/ml.

#### Surface Sampling - Directions

1. Moisten the test strip pad with 6 drops [0.3 ml] of NEUTRALIZER SOLUTION [available upon request] or Sterile Water [also available].
2. Perform [a] or [b] as follows:
  - [a] Wipe test surface with pad. Recover contamination from one square inch [6.5 cm sq.], a spot about the size of a quarter, by rotating pad twice.
  - [b] Draw moistened pad across a line on the test surface approximately two inches [5.1 cm] in length. Reverse direction, sampling same area a second time.
3. Place strip in incubation pouch and seal the top.
4. Label test and incubate between 25 and 30C for 24-36 hours.
5. After incubation, compare strip in pouch to interpretation chart on label.
6. Refer number value obtained to conversion table below to determine the bacterial count/square inch.

#### SANI-CHECK AB CONVERSION TABLE

Interpretation Chart Value	0	1	2	3	4	5
<b>LIQUID SAMPLE</b>						
Bacterial Count/ml - Undiluted	Less than 100	100	1,000	10,000	100,000	1 million or more
Bacterial Count/ml - 1:10 Dilution	Less than 1,000	1,000	10,000	100,000	1 million	10 million or more
Bacterial Count/ml - 1:100 Dilution	Less than 10,000	10,000	100,000	1 million	10 million	100 million or more
Bacterial Count/ml - 1:1,000 Dilution	Less than 100,000	100,000	1 million	10 million	100 million	1 billion or more
<b>SURFACE SAMPLE</b>						
Bacterial Count/in <sup>2</sup>	Less than 10	10	100	1,000	10,000	100,000 or more

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