November 1, 2017
TAKEX

Test Report

1. Objective　Test on the retention of effect of TAKEX Clean (45%)

2. Sample　(i) TAKEX Clean (45%)
*95° ethanol was used as the control.

3. Test method

Precisely 5 mL of each sample was inserted into a sterilized Petri dish and dried completely in an aseptic manner within a clean bench and stored for 3 days. This was used as the sample. The test strain solution was added to each sample and allowed to make contact, then 5 mL of sterilized biological saline was inserted and mixed. This was allowed to act at ordinary temperature, and the viable cell count in the test solution at 5 and 15 minutes of effect was measured by standard plate count method (incubated at 35°C ± 1°C, 2 days) then converted to an amount per 1 mL of the test solution.

4. Test solutions

Escherichia coli NBRC 3301 (E. coli)
Staphlococcus aureus NBRC 13276 (S. aureus)

5. Results　Table -1　Results of viable cell count for the test solutions

Test strain	Test solution	Viable cell count (/mL)		
		At commencement*	After 5 min	After 15 min
E. coli	Control	1.5×10^4	***	2.3×10^4
	Sample (i)	1.5×10^4	<10	<10
S. aureus	Control	3.3×10^4	***	2.1×10^4
	Sample (i)	3.3×10^4	<10	<10

<10: Not detected　Control: 95° ethanol
***: Not conducted　*: The viable cell count for the control immediately after the addition of test strain solution was measured and used as the amount at commencement.