



BESTECH R&D CENTER

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T E S T R E P O R T

APPLICANT : NANOPOLY CO., LTD.

REPORT NO. : BT-0511-014

SAMPLE RECEIVED DATE : 2005-11-08

TEST STARTED DATE : 2005-11-08

REPORT ISSUED DATE : 2005-11-10

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SAMPLE DESCRIPTION : ONE(1) PIECE OF SUBMITTED CUTTING SAID TO BE "ANTIMICROBIAL SOAP - NANO DOCTOR".

(1) TEST RESULTS : SHAKE FLASK METHOD (APPLY TO KS M 0146)

CONTENT	TEST BACTERIA	MRSA (Methicillin Resistance <i>S. aureus</i>) ATCC 33592
INOCULUM CONCENTRATION (CFU/ml)		1.3×10^5
M _a		1.3×10^5
M _b		1.4×10^5
M _c		< 10
PERCENT REDUCTION OF BACTERIA (%)		99.9
NONIONIC WETTING AGENT		TWEEN 80 (0.05%)

REMARK) · < = LESS THAN

· CFU = Colony Forming Unit

(2) TEST METHOD

TEST BACTERIA : MRSA (Methicillin Resistance <i>S. aureus</i>) ATCC 33592
NEUTRALIZED SOLUTION : PHOSPHATE BUFFER (pH 7.0 ± 0.2)
SAMPLE CONCENTRATION : 10 %
SHAKE SPEED : 120 rpm
PERCENT REDUCTION OF BACTERIA (%) : $[(M_b - M_c) / M_b] \times 100$
M _a : START
M _b : AVERAGE OF THE NUMBER OF BACTERIA ON THE UNTREATED TEST PIECE AFTER 1 MIN.
M _c : AVERAGE OF THE NUMBER OF BACTERIA ON THE ANTIMICROBIAL TEST PIECE AFTER 1 MIN.

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MRSA - Blank



MRSA - Sample

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