Lab Tests

1.6 SGS Bacteria tests

Date: 2004

Country: Taiwan

Distributor: HydroPath Asia

Keywords: Bacteria

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This was a report produced by the testing company SGS.

Method of Testing

A 50 liter water tank was filled up with tap water. Water from the bottom of the tank was pumped through a pump and $Aqua\mathbf{KLEAR}$ before returning to the water tank. The whole fixture was sanitized before adding Staphylococcus Aureus and E. Coli with a population of $1.2x10^5$ (120 000). to the water tank. Water was circulated through the $Aqua\mathbf{KLEAR}$ by the pump for an hour. Sample water was then taken from the tank to test the bacteria count.

Results

After one hour, the bacteria was down to a minimal value of less than one per milliliter. This corresponds to at least a 99.99% reduction.





PRO-ADVANCE TECHNOLOGY CO., LTD.

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9F., No.83, Sec. 3, Dusing Rd., Banciao City, Taipei County 220, PAGE NO.

Taiwan (R.O.C)

DATE

2004/6/28

THE FOLLOWING MERCHANDISE WAS(WERE) SUBMITTED AND IDENIFIED BY THE CLIENT AS:

PRODUCT NAME

PHYSICAL WATER CONDITIONER

SAMPLE SUBMITTED

PRO-ADVANCE TECHNOLOGY CO., LTD.

PRODUCT

1.KILL BACTERIUM 2. PREVENT SCALE

DESCRIPTION

STYLE/ITEM NO.

HYDROFLOW, AQUAKLEAR, SPAKLEAR, STEAMKLEAR

MANUFACTURER

HYDROPATH (UK)LTD

COUNTRY OF ORIGIN

UK

SAMPLE RECEIVED

2004/6/11

TESTING DATE 2004/6/11

TEST ITEM / METHOD

Reference To AATCC 100

: 1. Staphylococcus aureus AACC

6538

2. Escherichia coli AACC 8739

TEST RESULT:

(REACTION TIME: 1 HR) TREATMEANT

TEST BACTERIA	Counts (Before Circulation) (CFU/ml)	(After Circulation for 1 hour) (CFU/ml)	Reduction(%)
Staphylococcus aureus	1.2×10 ⁵	<1	99.99
Escherichia coli	1.3×10 ⁵	<1	99.99

THE REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY.

Jeremy Li, M.R./Supervisor, Food Dept.

Signed for and on behalf of

SGS TAIWAN Ltd.

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