



PRO-ADVANCE TECHNOLOGY CO., LTD.

9F., No.83, Sec. 3, Dusing Rd., Banciao City, Taipei County 220, Taiwan (R.O.C)

REPORT NO. : RI/2004/60016

PAGE NO. : 1 之 1

DATE : 2004/6/28

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

PRODUCT NAME PHYSICAL WATER CONDITIONER
SAMPLE SUBMITTED PRO-ADVANCE TECHNOLOGY CO., LTD.
PRODUCT DESCRIPTION 1.KILL BACTERIUM 2. PREVENT SCALE
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:

TREATMEANT (REACTION TIME : 1 HR)

TEST BACTERIA	Counts (Before Circulation) (CFU/ml)	Counts (After Circulation for 1 hour) (CFU/ml)	Reduction(%)
<i>Staphylococcus aureus</i>	1.2x10 ⁵	<1	99.99
<i>Escherichia coli</i>	1.3x10 ⁵	<1	99.99



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

Jeremy Li
 Jeremy Li, M.R./Supervisor, Food Dept.
 Signed for and on behalf of
 SGS TAIWAN Ltd.

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TW 0802232

Testing Procedure

Equipment : Water tank, pump, water tube and an AquaKLEAR-12 (PU12)

Fixture : The water tank was filled up with 20 litres of tap water. Water from the bottom of the tank was pumped through a pump and AquaKlear before returning to the water tank.

Procedure : The whole fixture was sanitized before adding *Staphylococcus aureus* and *E. Coli* with a population of 1.2×10^5 to the water tank. Water was circulated through the AquaKlear-12 by the pump for an hour. Sample water was then taken from the tank to test the bacteria count.

Result : It was found there was a 99.99% reduction in bacteria count per attached report.