

TEST REPORT



Your Ref:

Date: 2004-03-29

Our Ref: **57S041201-SLE-2**

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Fax: 6773 2912

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SUBJECT

Bactericidal Activity of Ionised Silver Colloidal Solution

CLIENT

Suish Enterprise
309 Jurong East Street 32
#04-280
Singapore 600309

Attn : Jason Mikael Pitttam (President)
Nasarudin Sulaiman

SAMPLE SUBMISSION DATE

2004-03-16

DESCRIPTION OF SAMPLE

One bottle of brown colour liquid described by you as follows :

"Ionized silver compound in a double colloidal solution"
Active Ingredient : Ionized Silver 0.36%



METHOD OF TEST

As requested, the tests were carried out as follows :

1. The test microorganism used was :
Legionella pneumophila (ATCC 33152)
2. 10 ml of bacterial suspension (10^8 cells) was inoculated into 1 litre of sterile distilled water containing 3 drops of sample. The inoculated water was allowed to stand at 25°C for 30 minutes.
3. After the specified time, the *Legionella* count was determined in accordance with :
ISO 11731 : 1998 "Detection and Enumeration of *Legionella* in Water"
4. Control for the test microorganism was carried out using the inoculated distilled water held for 30 minutes without the addition of sample.

RESULTS

Product : "Ionized silver compound in a double colloidal solution"

Test Microorganism	Count of test microorganism recovered from the inoculated sample	Percentage Kill of test microorganism
<i>Legionella pneumophila</i> (ATCC 33152)		
Control	2 400 000	-
30 minutes	140	99.99



CHENG-SHAW LAY ENG (MRS)
TECHNICAL EXECUTIVE



KAM-LEONG YIN PHENG (MRS)
MICROBIOLOGIST
MICROBIOLOGY
TESTING GROUP

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