



# 試験証明書

Japan Spinners Inspecting Foundation  
SGS Hong Kong Testing Centre



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BOIS TECHNOLOGY LTD.

The test result of the below sample is as follows:

Sample received Nov. 23, 2006

Description Charge Transfer Catalyst Liquid Solution

No. of sample 1

<Test Item>

Anti-bacteria functionality

<Types of bacteria>

Escherichia coli NBRC 3301

<Test Method>

Refer to JIS L 1902 Absorption Method

<Measuring method of number of living bacteria>

Pour plate method

<Test Result>

Number of planted bacteria immediately after inoculation [A]	$2.5 \times 10^4$	logA 4.4
Number of bacteria on standard cloth after incubation [B]	$1.1 \times 10^8$	logB 8.0

(Standard cloth is pre-treated 100% cotton fabric.)

$\log B - \log A = 3.6 > 1.5 \dots \dots$  The test is effective.

Bacteriostatic activity value =  $\log A - \log C$

Bactericidal activity value =  $\log B - \log C$

Sample	No. of living bacteria [C]	No. of bacteria logC	Bactericidal activity value	Bacteriostatic activity value
Solution	<20	Less than 1.3	More than 3.1	More than 6.7

(remark ①) 0.05% of surface surfactant (Tween 80) is added to the test inoculum.

(remark ②) 0.4ml of submitted solution was taken as test sample, and 0.2ml of the test inoculum was inoculated.

(remark ③) Testing was conducted without process of High pressure steam sterilization.

Bacteria reduction (%)	99.9
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(remark ④) Bacteria Reduction is only for reference.

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