

Test Report

REPORT NO: UP/2017/50268A-01

Date : 2017/07/18

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CHAO YOUNG CO.LTD

NO.68-3,Yongjiu,Xinshi Dist.,Tianan City 744,Taiwan (R.O.C)

The following sample(s) was/were submitted and identified by/on behalf of applicant as:

Sample Name: UV Handrail Sterilization
Applicant : CHAO YOUNG CO.LTD
Item/Lot No : ---
Sample Condition: Please refer to the photo for sample shown at the last page of this report.
MFG: ---
EXP: ---
Date of Sample Received : 2017/05/10
Date of Testing : 2017/05/10 to 2017/06/05

Test Requested: Microbiological challenge test

Test Method : This test was performed according to in-house method which provided by the sponsor. About 1x10⁵CFU bacterial was applied onto the coverslip and then dried for 30 minutes. The inoculated coverslips were placed 2 cm under the test machine. Turned on the machine to expose the coverslips for 5 second and then extracted the exposed coverslips with 100 mL sterile PBS several times. The extracts were diluted and filtered through filter membranes. The membranes were then placed onto the culture plate at 30-35°C for 3days

Test Results : -Please refer to next page(s)-

Signed for and on behalf of
SGS Taiwan Ltd.

Yuan-Min Wen
Manager



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Test Results

Colony-forming Unit
菌落形成單位

Organism	Before Test(CFU's)	Contact time	Counts of the sample at contact time (CFU)	Clearance Rate (%)
<i>Escherichia coli</i> 大腸桿菌	1.45×10^5	5 sec	3.30×10^2	99.77
<i>Staphylococcus aureus</i> 金黃葡萄球菌	1.52×10^5	5 sec	2.93×10^2	99.81

NOTE :

1.The test report merely reflects the test results of the consigned matters of the client and is not a certification of the legitimacy of the related products.

2.The content of this report is invalid if it is not presented as the entire report.

3.Organism No.:

Escherichia coli BCRC 11634 ; ATCC 8739

Staphylococcus aureus BCRC 10451 ; ATCC 6538P

- END -



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Sample Photo:

UP/2017/50268



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