

## Test Report

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LEE-TECH CO., LTD.

7F-1, No. 94, Baozhong Rd., Xindian Dist., New Taipei City 231, Taiwan R.O.C.

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

**Sample Name:** UV Potable /cordless Light  
**Applicant :** LEE-TECH CO., LTD.  
**Address of Applicant :** 7F-1, No. 94, Baozhong Rd., Xindian Dist., New Taipei City 231, Taiwan R.O.C.  
**Tel No./Contact Person :** 02-29142501 / LEE-TECH CO., LTD.  
**Packaging Condition :** Please refer to the photo for sample shown at the last page of this report.  
**Quantity :** 1pc, G.W.:0.6 KG  
**Storage Condition :** Room temperature  
**Item No. :** CL-UVC-P01  
**Lot/Batch No. :** 202003  
**Manufacturer/Agent/Importer :** LEE-TECH CO., LTD.  
**Date of Manufacturing :** 2020/06  
**Date of Expiry :** 25,000 Hours  
**Sample Received:** 2020/06/15  
**Date of Testing:** 2020/06/15 to 2020/07/21  
**Test Requested :** Antibacterial Effectiveness Test  
**Test Method:** With reference to client's specific method. Put 100uL around  $10^7$  CFU bacteria solution into glass slide. Place the product above the glass slide. Turning on the sample and analyzing bacteria counts before and after processing at defined time .

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

*Shin Jyh Chen*  
Shin-Jyh Chen, Manager  
Signed for and on behalf of  
SGS Taiwan Ltd.



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### Test Results:

At 2cm of sample

Test Item	Contact time	Counts of the sample at contact time (CFU/mL)	Elimination Rate (%)
<i>Candida albicans</i>	0 sec	$1.6 \times 10^6$	---
	2 secs	$8.9 \times 10^3$	99.4
	5 secs	$3.1 \times 10^2$	>99.9
	10 secs	$7.2 \times 10^1$	>99.9
<i>Pseudomonas aeruginosa</i>	0 sec	$1.1 \times 10^6$	---
	2 secs	$5.0 \times 10^1$	>99.9
	5 secs	<1	>99.9
	10 secs	<1	>99.9
<i>Klebsiella pneumoniae</i>	0 sec	$1.8 \times 10^6$	---
	2 secs	$2.4 \times 10^3$	99.9
	5 secs	$9.0 \times 10^1$	>99.9
	10 secs	$1.0 \times 10^0$	>99.9
<i>Enterococcus faecalis</i>	0 sec	$1.0 \times 10^6$	---
	2 secs	$2.1 \times 10^3$	99.8
	5 secs	$1.9 \times 10^2$	>99.9
	10 secs	$6.0 \times 10^1$	>99.9
<i>Bacillus subtilis</i> subsp.	0 sec	$3.0 \times 10^6$	---
	2 secs	$9.2 \times 10^3$	99.7
	5 secs	$2.5 \times 10^2$	>99.9
	10 secs	$1.0 \times 10^1$	>99.9
<i>Streptococcus mutans</i>	0 sec	$1.3 \times 10^6$	---
	2 secs	$8.0 \times 10^3$	99.4
	5 secs	$1.0 \times 10^2$	>99.9
	10 secs	$4.0 \times 10^1$	>99.9

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Test Item	Contact time	Counts of the sample at contact time (CFU/mL)	Elimination Rate (%)
<i>Escherichia coli</i>	0 sec	$3.2 \times 10^6$	---
	2 secs	$2.9 \times 10^4$	99.1
	5 secs	$1.2 \times 10^3$	>99.9
	10 secs	$6.0 \times 10^2$	>99.9
<i>Staphylococcus aureus subsp. Aureus</i>	0 sec	$2.8 \times 10^6$	---
	2 secs	$9.0 \times 10^4$	96.7
	5 secs	$8.4 \times 10^3$	99.7
	10 secs	$5.0 \times 10^2$	>99.9
<i>Salmonella enterica subsp. Enteric</i>	0 sec	$8.1 \times 10^6$	---
	2 secs	$2.6 \times 10^4$	99.7
	5 secs	$6.0 \times 10^3$	>99.9
	10 secs	$3.3 \times 10^2$	>99.9

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### At 5cm of sample

Test Item	Contact time	Counts of the sample at contact time (CFU/mL)	Elimination Rate (%)
<i>Candida albicans</i>	0 sec	$1.6 \times 10^6$	---
	2 secs	$9.0 \times 10^4$	95.1
	5 secs	$2.5 \times 10^3$	99.8
	10 secs	$2.1 \times 10^2$	>99.9
<i>Pseudomonas aeruginosa</i>	0 sec	$1.1 \times 10^6$	---
	2 secs	$2.4 \times 10^2$	>99.9
	5 secs	$6.0 \times 10^0$	>99.9
	10 secs	<1	>99.9
<i>Klebsiella pneumoniae</i>	0 sec	$1.8 \times 10^6$	---
	2 secs	$1.9 \times 10^4$	99.0
	5 secs	$4.1 \times 10^3$	99.8
	10 secs	$4.0 \times 10^0$	>99.9
<i>Enterococcus faecalis</i>	0 sec	$1.0 \times 10^6$	---
	2 secs	$9.0 \times 10^4$	95.1
	5 secs	$3.2 \times 10^3$	99.7
	10 secs	$2.7 \times 10^2$	>99.9
<i>Bacillus subtilis</i> subsp.	0 sec	$3.0 \times 10^6$	---
	2 secs	$2.8 \times 10^5$	84.8
	5 secs	$1.2 \times 10^5$	93.5
	10 secs	$9.0 \times 10^2$	>99.9
<i>Streptococcus mutans</i>	0 sec	$1.3 \times 10^6$	---
	2 secs	$1.5 \times 10^5$	89.1
	5 secs	$1.0 \times 10^5$	92.5
	10 secs	$1.6 \times 10^3$	99.9

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Test Item	Contact time	Counts of the sample at contact time (CFU/mL)	Elimination Rate (%)
<i>Escherichia coli</i>	0 sec	$3.2 \times 10^6$	- - -
	2 secs	$4.0 \times 10^4$	98.8
	5 secs	$2.1 \times 10^4$	99.3
	10 secs	$2.4 \times 10^3$	>99.9
<i>Staphylococcus aureus subsp. Aureus</i>	0 sec	$2.8 \times 10^6$	- - -
	2 secs	$3.0 \times 10^5$	89.1
	5 secs	$2.5 \times 10^4$	99.1
	10 secs	$1.4 \times 10^3$	>99.9
<i>Salmonella enterica subsp. Enteric</i>	0 sec	$8.1 \times 10^6$	- - -
	2 secs	$1.1 \times 10^5$	98.6
	5 secs	$7.4 \times 10^4$	99.1
	10 secs	$1.1 \times 10^3$	>99.9

- 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.All items in this testing report is based on the request from client and we are responsible for that.
  - 3.The content of this report is invalid if it is not presented as the entire report.

- END -

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## Sample Photo

### UG/2020/60822



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