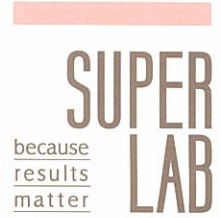




M61-140600563001 EN



CUSTOMER

Geann Industrial Co., LTD

No.29, Tou-Lun Lane, Tou-Lun Li, Lukang Town, Changhua 505, Taiwan

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Client Specimen I.D.: Ozone Anti-Bacteria Faucet

Specimen description: as Appendix

Specimen collector: Client Superlab

Date Received: Jun. 11, 2014

Date Tested: Jun. 11, 2014

Date Issued: Jun. 26, 2014

Item	Result	Unit	Method	LOQ
	>99.99	%	Refer to JIS Z2801	1 ppm

Bactericidal Activities : Multidrug-resistant

Staphylococcus aureus

XXX Null below XXX

Remark:

- The analytical report is the test result issued by the testing institutions as requested by the consignor. Regarding to the legitimacy of the product, it shall be determined by the authorities according to the law.
- Add the bacteria suspension into bottle, then the final concentration is around 10⁴ CFU/mL. Cover with the lid immediately and interact with bacteria for 60 seconds (start from receive test article).

- If the target organism is detected below the method detection limit (MDL) or the limit of quantification (LOQ), the test result will be expressed as "Negative" or "ND". ND: Not detected
- Separately use the report and / or copy the report abstract is invalid.
- If the test do not involve sampling, the test report is only responsible for the specimens provided by customer.
- If customer have any question about the test result, please inquire us within seven days after receipt of the test report.
- This report is for reference only, do not use these for advertising, sales promotion or notarial purpose



Wen-cherng Tsai

Authorized Signee : Etain Shen
Executive Business Secretary : Joan Lee
Study Personnel/Reviewer : Etain Shen

SIGNED ON BEHALF OF SUPERLAB
Wen-cherng Tsai, Ph. D.
Laboratory Director

Appendix

1. Abstract :

The antimicrobial activities of test article (Ozone Anti-Bacteria Faucet) was provided by Geann Industrial Co.,LTD against Multidrug-resistant *Staphylococcus aureus*, was evaluated according to the guideline of JIS Z2801. Results showed that the antimicrobial activities of the test article against Multidrug-resistant *Staphylococcus aureus* after 60 seconds, the reduction rate was >99.99% (Table 1) .

2. Test information :

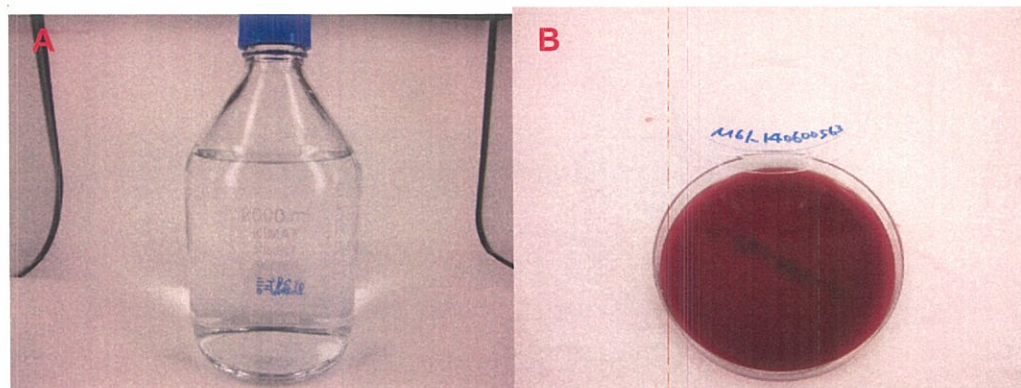
- 2.1 Client Specimen I.D : 「 Ozone Anti-Bacteria Faucet 」
- 2.2 Specimen I.D : M61-140600563
- 2.3 Test strains : Multidrug-resistant *Staphylococcus aureus*
- 2.4 Test condition : 25 ± 2°C for 60 seconds
- 2.5 Culture condition : 35 ± 2°C for 48 ± 2 hours
- 2.6 Test method : refer to JIS Z2801
- 2.7 Test article : Ozone Anti-Bacteria Faucet
- 2.8 Add 1 mL of bacteria suspension into bottle, then the final concentration is around 10⁴ CFU/mL.
- 2.9 Add Test article(2,000mL) into bottle , and interact with bacteria for 60 seconds.
- 2.10 When incubation completed, Make serial dilution to determine the recover bacteria.
- 2.11 Report bacteria counts as the number of bacteria per sample.
- 2.12 Calculation :

$$\text{Reduction rate (\%)} = \frac{(A-B)}{A} \times 100\%$$

A = Test design (Bacteria suspension before mixing the test article(2,000mL))

B = Test design (Bacteria suspension after mixing the test article(2,000mL))

3. Results :



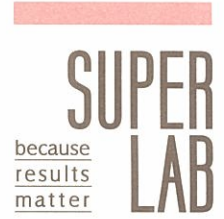
- A. M61-140600563 Antimicrobial activities against Multidrug-resistant *Staphylococcus aureus* : test article
- B. M61-140600563 Bacteria level after incubated with test article (60 seconds).

Table 1. Antimicrobial activities of test article (M61-140600563) against Multidrug-resistant *Staphylococcus aureus* after 60 seconds incubation.

Test strain	Inoculated concentration (CFU/sample)	Bacterial concentration (CFU/sample)		Reduction rate (%)
		Before adding	After adding	
Multidrug-resistan <i>Staphylococcus aureus</i>	1.2×10^4	<5	1.2×10^4	>99.99



M61-140600563EN



Geann Industrial Co., LTD.

No.29, Tou-Lun Lane, Tou-Lun Li, Lukang Town, Changhua 505, Taiwan

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Client Specimen I.D.: Ozone Anti-Bacteria Faucet

Specimen description: as Appendix

Specimen collector: Client Superlab

Date Received: Jun. 11, 2014

Date Tested: Jun. 11, 2014

Date Issued: Jul. 4, 2014

