

TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Rep. of KOREA

TEL 82-2-2164-0011 FAX 82-2-2634-1008

Report No : TBK-000043

Receipt Date : Jan.07.2016

Client : Yoo Su-Young

Test Completion Date : Feb.16.2016

NON Co., Ltd

302-1, IACF OF Joongbu-University, Chubu-myeon, Kumsan-gun,
Chungnam, 212-702. Korea.

Sample : Dr.Clo

TEST RESULTS

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Bactericidal test(S. aureus)	CFU/CARRIER	Control group(after 1 h)	6.0×10^5	By The Client
Bactericidal test(S. aureus)	CFU/CARRIER	Test group(after 1 h)	<20 (more than 99.9 %)	By The Client
Bactericidal test(S. aureus)	CFU/CARRIER	Control group(after 3 h)	3.7×10^5	By The Client
Bactericidal test(S. aureus)	CFU/CARRIER	Test group(after 3 h)	<20 (more than 99.9 %)	By The Client
Bactericidal test(K. pneumoniae)	CFU/CARRIER	Control group(after 1 h)	6.4×10^5	By The Client
Bactericidal test(K. pneumoniae)	CFU/CARRIER	Test group(after 1 h)	<20 (more than 99.9 %)	By The Client
Bactericidal test(K. pneumoniae)	CFU/CARRIER	Control group(after 3 h)	2.1×10^4	By The Client
Bactericidal test(K. pneumoniae)	CFU/CARRIER	Test group(after 3 h)	<20 (99.9 %)	By The Client

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Kim Jungseok

Prepared by Kim Jungseok
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Sang-Wook Park

Reviewed by Sang-Wook Park
Technical Manager
Tel: 1577-0091(ARS ①→④)

Feb.16.2016

Korea Testing & Research Institute

President

Choi Hyeonk'



QR Code to verify genuineness



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TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Bactericidal test(P. aeruginosa)	CFU/CARRIER	Control group(after 1 h)	6.4×10^5	By The Client
Bactericidal test(P. aeruginosa)	CFU/CARRIER	Test group(after 1 h)	<20 (more than 99.9 %)	By The Client
Bactericidal test(P. aeruginosa)	CFU/CARRIER	Control group(after 3 h)	2.7×10^4	By The Client
Bactericidal test(P. aeruginosa)	CFU/CARRIER	Test group(after 3 h)	<20 (99.9 %)	By The Client
Bactericidal test(B. cereus)	CFU/CARRIER	Control group(after 1 h)	6.6×10^5	By The Client
Bactericidal test(B. cereus)	CFU/CARRIER	Test group(after 1 h)	<20 (more than 99.9 %)	By The Client
Bactericidal test(B. cereus)	CFU/CARRIER	Control group(after 3 h)	4.4×10^4	By The Client
Bactericidal test(B. cereus)	CFU/CARRIER	Test group(after 3 h)	<20 (99.9 %)	By The Client

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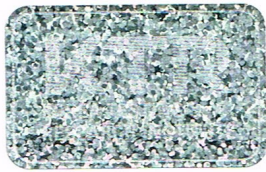
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* Test condition

- This test was performed after a test article was activated for 6 hours in a chamber.
- Carrier : Cotton, (5 × 5) cm
- Chamber size(w × d × h) cm : (35 × 35 × 35) cm
- Position of the carrier : Ceter of the chamber floor
- Position of the test article : Refer an attached report

** Test strain

- Staphylococcus aureus ATCC 6538
- Klebsiella pneumoniae ATCC 4352
- Pseudomonas aeruginosa ATCC 15522
- Bacillus cereus ATCC 14579

*** Decrease rate (%) = $\{(A-B)/A\} \times 100$

- A : Plate count of control group after designate time (Average)
- B : Plate count of test group after designate time (Average)

Attachment: Test report

* USAGE : QUALITY CONTROL

- Next Page -

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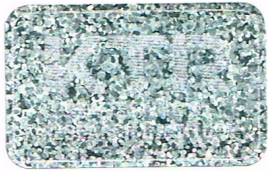
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TEST RESULTS

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<p>NOTE : 1. The test results on this test report are only limited to the samples and sample names provided by the customer and KTR does not guarantee the quality of all products of the customer, and you can confirm the authenticity of the test report online (www.ktr.or.kr) or by using the QR code.</p> <p>2. This test report shall not be used for public relation, advertisement, lawsuit and any other purposes outside the scope of its defined usage.</p> <p>3. This test report includes the test result performed in accordance with the test method suggested by the client.</p> <p>4. Only original copy (including certified copy) of the test report is valid - electronic copy (hard and/or soft) is for your reference only.</p>				

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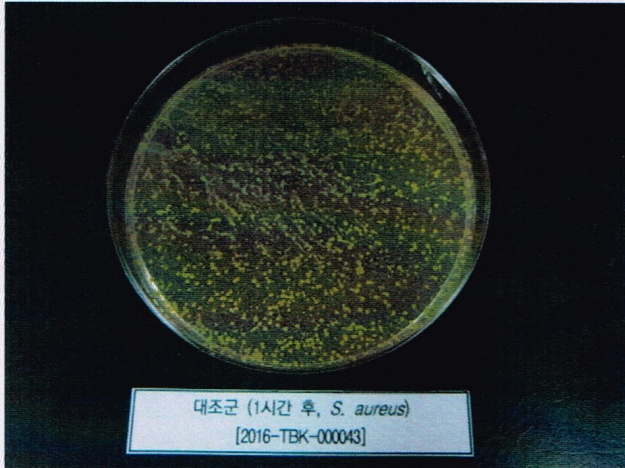
Choi Hyeonk'



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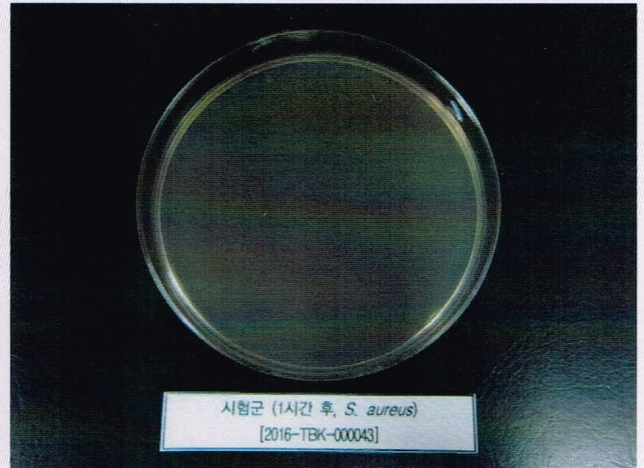
8. 첨부자료

8.1. 시험결과 사진



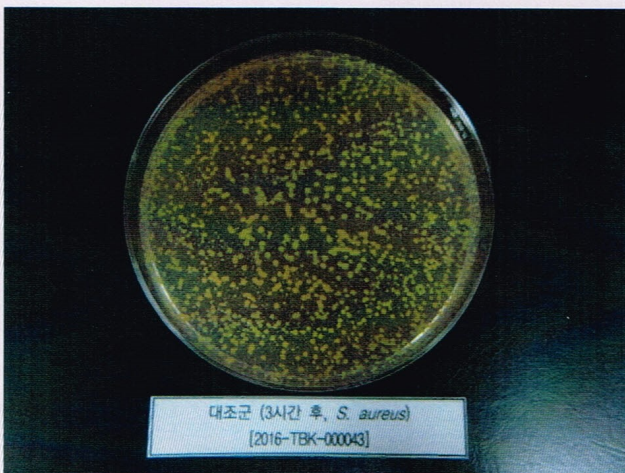
대조군 (1시간 후, *S. aureus*)
[2016-TBK-000043]

대조군 (1시간 후, *S. aureus*)
[2016-TBK-000043]



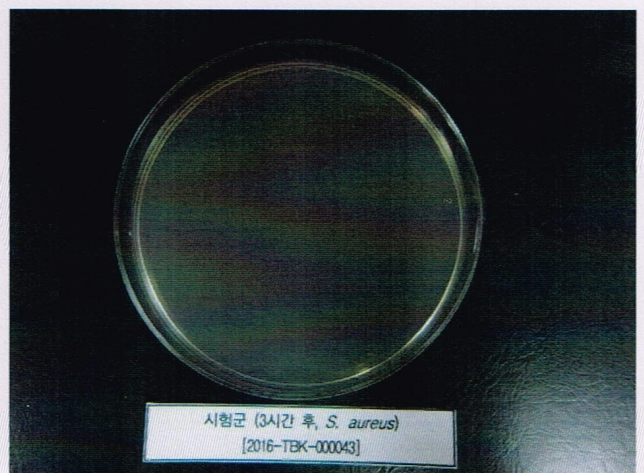
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대조군 (3시간 후, *S. aureus*)
[2016-TBK-000043]

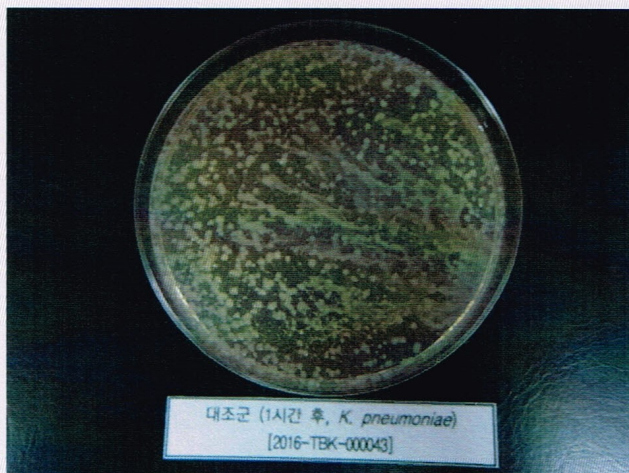
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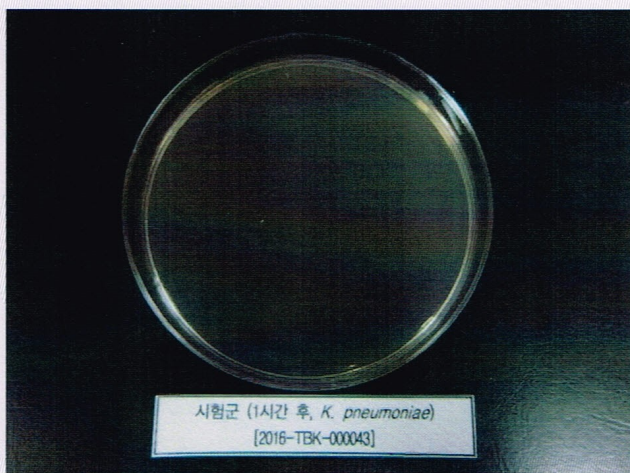
시험군 (3시간 후, *S. aureus*)
[2016-TBK-000043]





대조군 (1시간 후, *K. pneumoniae*)
[2016-TBK-000043]

대조군 (1시간 후, *K. pneumoniae*)
[2016-TBK-000043]



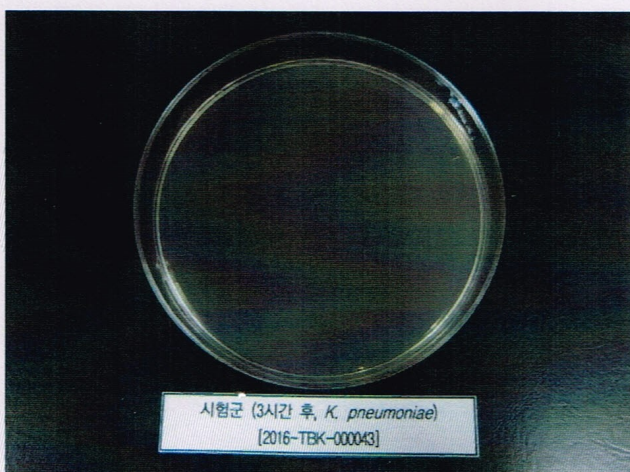
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대조군 (3시간 후, *K. pneumoniae*)
[2016-TBK-000043]

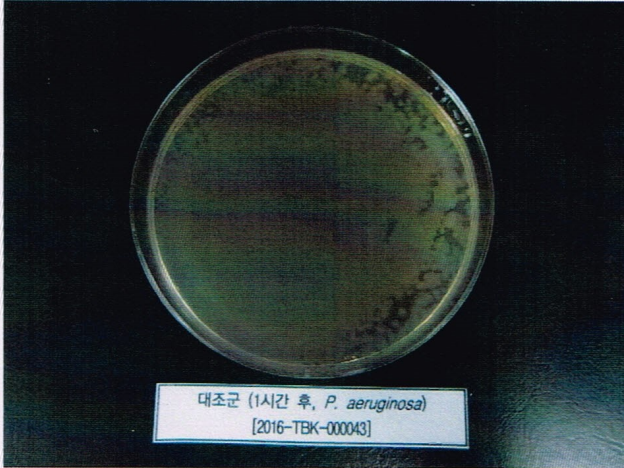
대조군 (3시간 후, *K. pneumoniae*)
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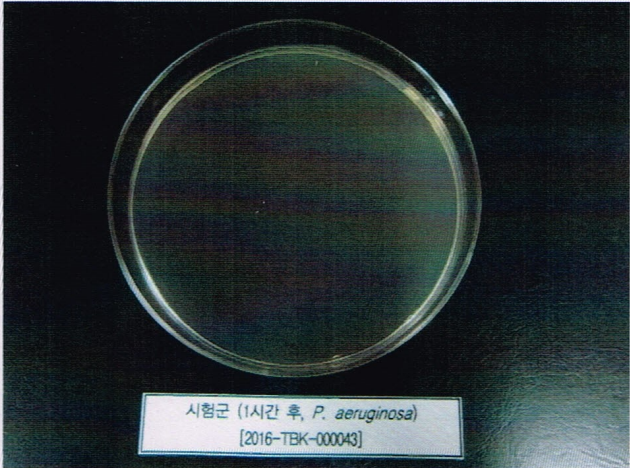
시험군 (3시간 후, *K. pneumoniae*)
[2016-TBK-000043]





대조군 (1시간 후, *P. aeruginosa*)
[2016-TBK-000043]

대조군 (1시간 후, *P. aeruginosa*)
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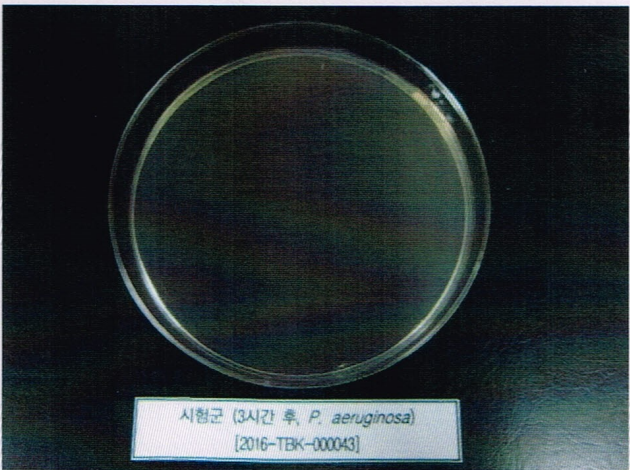
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시험군 (3시간 후, *P. aeruginosa*)
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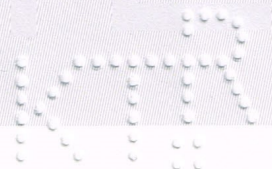
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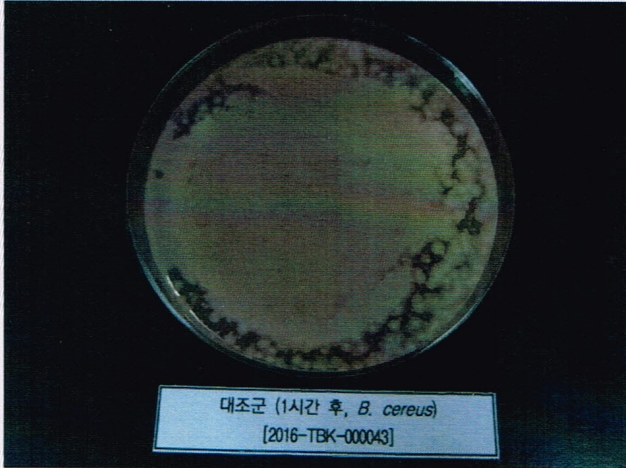
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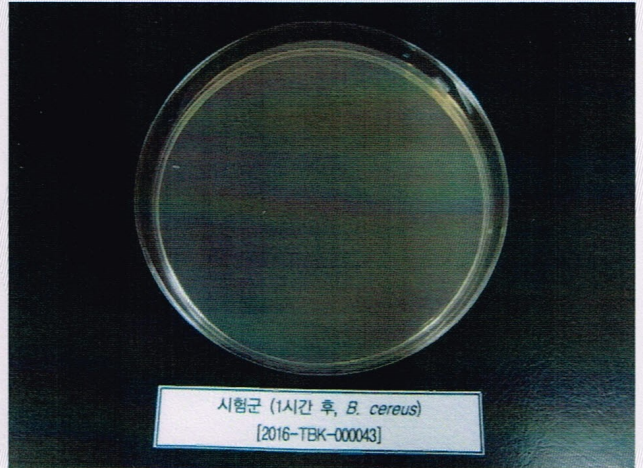
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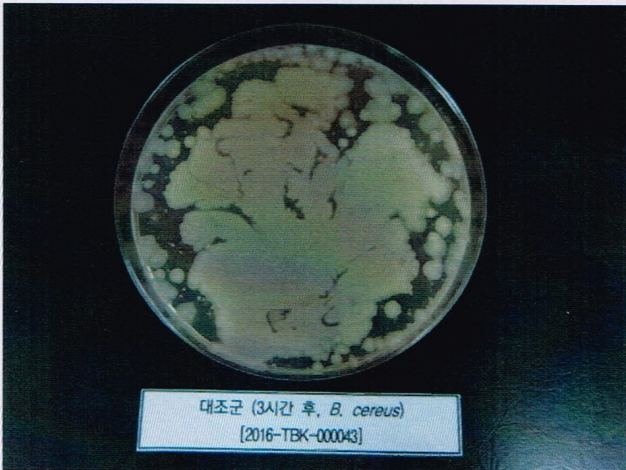




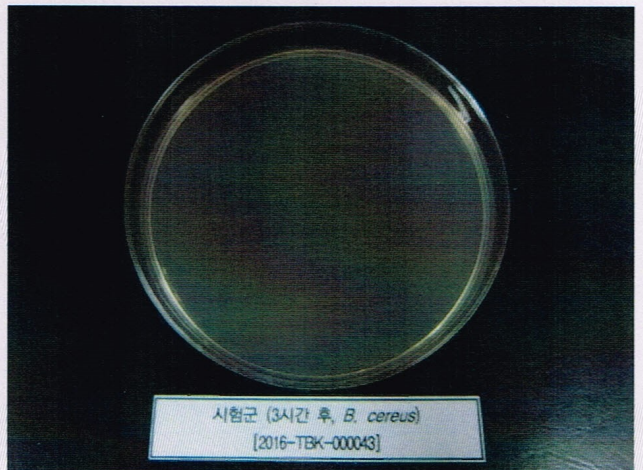
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