

TEST REPORT



KOTITI No. | 82201002107749

To | SILVER REX

Date In | MAR 26, 2020

Date Out | APR 14, 2020

Title	Test Report
Item	OTHER
Item Name	SILVERAY
Buyer	SILVER REX
Brand Name	N/S
Style Number	(A)MASK, (B)SILVERAY SPRAY MASK
PO Number	N/S
Related(FO, FP) Report No	N/S
Color	(A) #A, (B) #B
Submitted Fiber Composition	N/S
Recommended Fiber Composition	N/A
Submitted Care Instruction	N/S
Recommended Care Instruction	N/A
Test Result	For further details, please refer to the following page(s).

Affirmation	Prepared by Name : Ho Kim		Technical Manager Name : Chae Hong Kim	
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KOTITI Testing & Research Institute



Contact Information for technical questions and general inquiries.

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1. The test results contained in this report are limited to results on the sample(s) that is provided by client and are not necessarily indicative or representative of the qualities of the lot from which the sample(s) was taken or of all products.
2. Further use of the results of this report is prohibited unless allowed under a separate agreement set forth in an official document that is established between the client identified on this letter and the KOTITI Testing & Research Institute.
3. The test result in this report is not related to accreditation of KOLAS.
4. You can verify the authenticity by the QR code at the bottom right side of the issued report, or access <http://cs.kotiti-global.com> and enter the test report number



**Antibacterial Test, %
(KS K 0693:2016)**

Test Conducted	Test Results
(A)	Klebsiella pneumoniae(ATCC 4352)
Original	
Ma	1.2×10^5
Mb	1.2×10^7
Mc	7.0×10^6
Bacteriostatic Activity Value	0.28
Bacteriostatic Reduction Value(%)	41.7
(B)	Klebsiella pneumoniae(ATCC 4352)
Original	
Ma	1.2×10^5
Mb	1.2×10^7
Mc	< 20
Bacteriostatic Activity Value	5.8
Bacteriostatic Reduction Value(%)	99.9

Test Organism	Klebsiella pneumoniae(ATCC 4352)
Washing	N/A / *Test condition: Pour distilled water into the silveray spray and let it for 1 hour. And spray at least 10 times to soak the mask submitted by the applicant.
Used non-ionic surfactant	TWEEN 80 (0.05%)
Growth rate	Mb / Ma \geq 31.6 Klebsiella pneumoniae : 100.0
Bacteriostatic Activity Value (S)	$\log Mb - \log Mc$
Bacteriostatic Reduction Value (%)	$(Mb - Mc) \times 100/Mb$
Ma	CFU of 0 contact time in control
Mb	CFU of 18 hours later in control
Mc	CFU of 18 hours later in sample

(A)

(B)

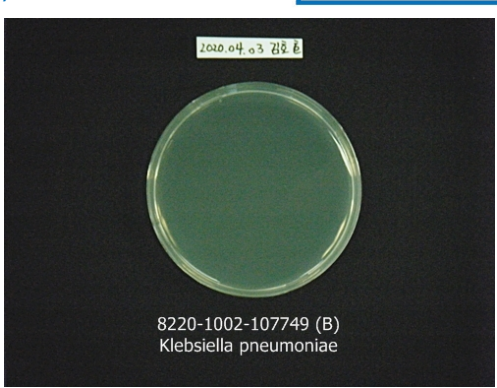
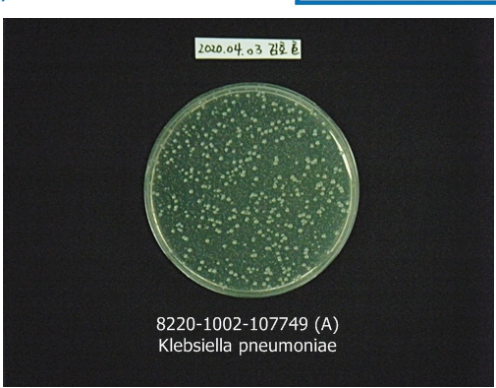
(A) Contrast Bacteria (Klebsiella Pneumoniae)

(B) Contrast Bacteria (Klebsiella Pneumoniae)



(A) Klebsiella Pneumoniae

(B) Klebsiella Pneumoniae



- End of Report -

Photo of the submitted sample(s)

