



K I F A

# KOREA FAR INFRARED ASSOCIATION

## KOREA INSTITUTE OF FAR INFRARED APPLIED ESTIMATION

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### CERTIFICATE OF TESTING RESULT

Serial No. of Issue : KFIA-233  
 Name of Applicant : KIM CHUN CHA [R&L. co., ltd]  
 Address of Applicant : (Soha-dong, 11Floor, Ace Kwang Myung Tower) 108, Haan-ro,  
 Gwangmyeong-si, Gyeonggi-do, Korea  
 Date of Receipt : 7. 18. 2014  
 Name of Test Sample : AMETHYST PILLOW

### TEST RESULTS

| Test Item  | Sample          | Early Conc.<br>(CFU/ml) | After 18 hours<br>(CFU/ml) | Reduction Rate Of<br>Bacteria(%) |
|--|-----------------|-------------------------|----------------------------|----------------------------------|
| Antibacterial Test For<br><i>Staphylococcus aureus</i> | Blank           | $5.0 \times 10^4$       | $4.0 \times 10^6$          | —                                |
|  | AMETHYST PILLOW |                         | $< 2.0 \times 10^2$        | 99.9                             |
| Antibacterial Test For<br><i>Klebsiella pneumoniae</i> | Blank           | $6.2 \times 10^4$       | $2.9 \times 10^6$          | —                                |
|  | AMETHYST PILLOW |                         | $< 2.0 \times 10^2$        | 99.9                             |

Note) 1) Control : KS K 0905 Standard adjacent fabrics for colour fastness test(Cotton)  
 2) The bacteria number on the petri dish was detected by multiplication of dilution rate. End.

- 1) Test Method : KS K 0693 : 2011
- 2) Name of Used bacteria  
*Staphylococcus aureus* ATCC 6538  
*Klebsiella pneumoniae* ATCC 4352
- 3) Refer to the Enclosed (2-1, 2-2)
- 4) Usage : Quality control

※ This certificate of testing result shall be used within the purpose of its defined usage.

7                      24                      2014  
 \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_  
 month                      day                      year

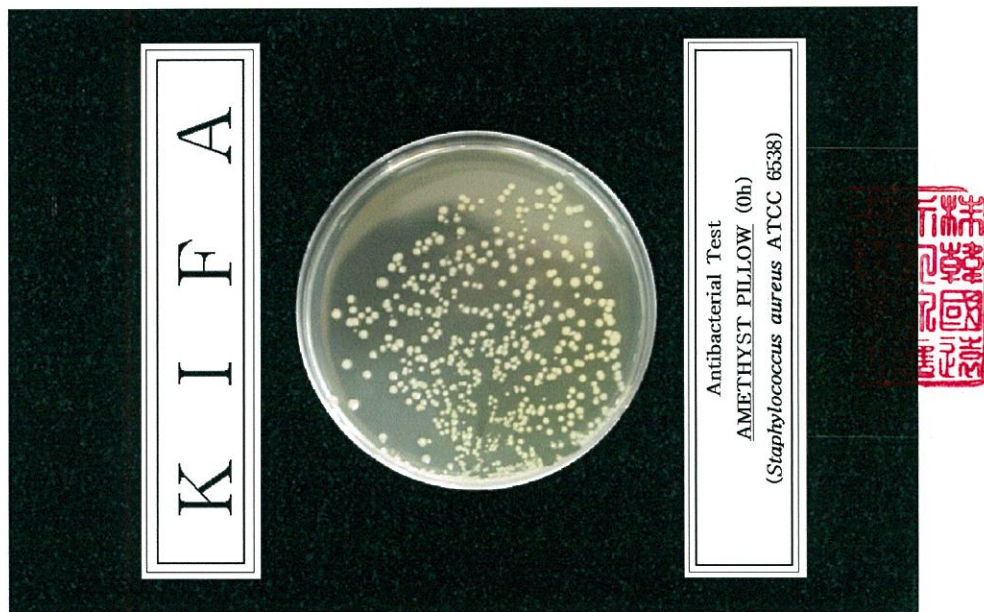
Signed Choi T. S.

The director of Korea Institute of  
Far Infrared Applied Estimation

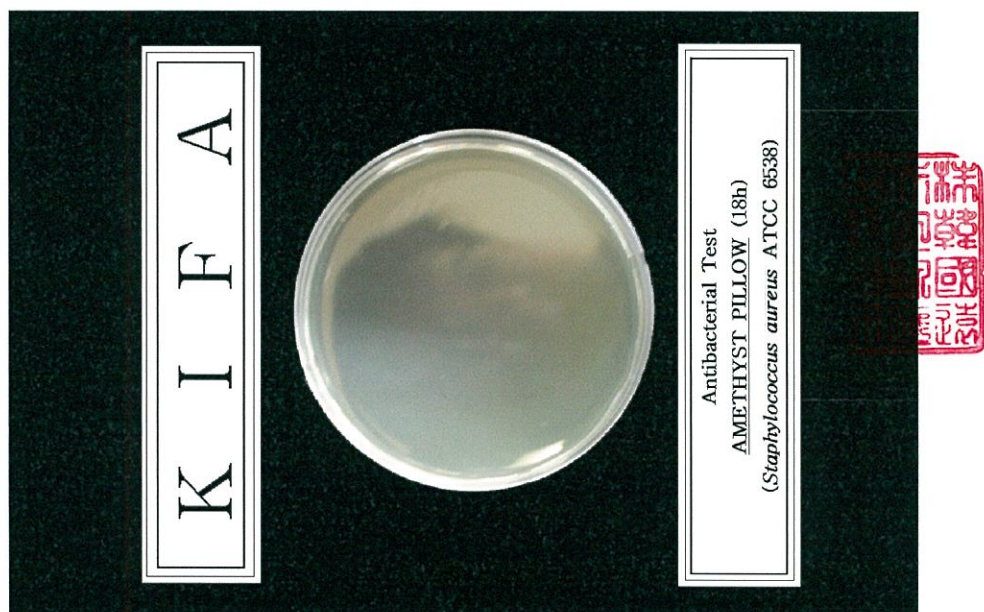
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<Fig. 1>



<Fig. 2>

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<Fig. 3>



<Fig. 4>