

# Test Report

**Test Method** : JIS Z 2801:2010

**Report No.** : KAAAM211029-003

**Request No.** : KATRM211013-1568

**Date of Test** : 2021. 10. 13 ~ 2021. 10. 29

**Location of Test** : A-219,220, 140 Tongil-ro, Goyang-si, Gyeonggi-do, Republic of Korea

**Company** : SEIWA INDUSTRY

■ Permanent Testing Lab    □ On site Testing

**Address** : 2-4-29, TATSUMI-NISHI, IKUNO-KU, OSAKA, JAPAN

**Purpose of use** : Quality control

**Submit to** : -

**Test Items** : Seiwa Antibacterial Elastomer Sheet\_A

## - Test result

Test Organism ATCC No.	Test result (Unit)	Control	Sample
<i>Escherichia coli</i> ATCC 8739	After 24 hrs(CFU/cm <sup>2</sup> ) Antibacterial activity (log)	1.8 X 10 <sup>5</sup> -	<0.63 5.5

Sample info. : Material - Silicone    Size - (50 X 50) mm

Covering film : Sterilized PP film    Size - (40 X 40) mm

Test condition : Reaction time & temperature- 24 hrs, (37 ± 2) °C

Control - Sterilized PP film

Evaluation : Antibacterial activity(log) = logC<sub>t</sub> - logS<sub>t</sub>

(C<sub>t</sub> = CFU of control after the specified contact time, S<sub>t</sub> = CFU of sample after the specified contact time)

: Antibacterial activity 1.0 : 90.0% reduction

Antibacterial activity 2.0 : 99.0% reduction

Antibacterial activity 3.0 : 99.9% reduction

Antibacterial activity 4.0 : 99.99% reduction

Antibacterial activity 5.0 : 99.999% reduction

The antibacterial activity shall be 2.0 or more

- Remarks
1. The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This laboratory is not accredited for the test results marked.
  2. This report is valid only for the purpose of use and cannot be used as a basis for product promotion, marketing, or legal judgment.
  3. This test report is not related to KOLAS accreditation and ISO/IEC 17025.
  4. For confirmation of the authenticity of the test report, please contact 02-6380-1855

2021. 10. 29.

**Korea Analysis Test Researcher**

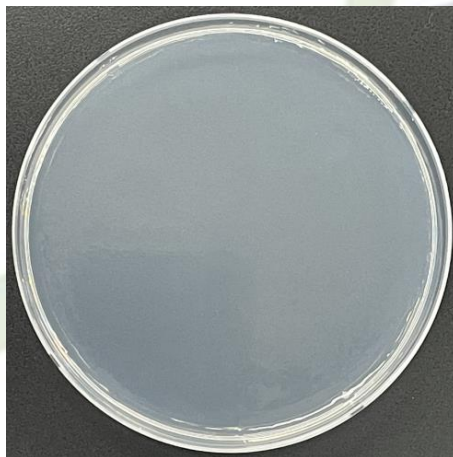


- **Result picture**

**ATCC 8739**



< Control >



< Sample >

- **Sample picture**



< Seiya Antibacterial Elastomer Sheet\_A >

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