

OGP TECH CO.,LTD.
 74-30, Soraji-ro 268beon-gil, Paju-si,
 Gyeonggi-do,
 KOREA

The following sample(s) was/were submitted and identified by/on behalf of the client as:-
 This report is not related to the Ministry of Food and Drug Safety 「ACT ON TESTING AND INSPECTION IN THE FOOD AND DRUG INDUSTRY」

SGS File No. : AYFN21-00876
Sample Description : POSTSLIVER PET FILM
Item no./Lot No. : -
SGS Ref No. : AYHA21-00287
Test Period : 2021. 01. 11 to 2021. 01. 22
Client Reference Data : Manufacture : OGP TECH CO., LTD.
Purpose of Test Report : Data for reference
Test Results : For further details, please refer to following page (s)
Report Comments : The test results are limited to the requested product(sample name, item no.), and the sample don't have food Labeling information of Korea regulation.
 This test report is not related to Korea Laboratory Accreditation and KS Q ISO/IEC 17025.
 Verify for authenticity and validity in web site : <https://eecloud.sgs.com/index.aspx>.
 This report cannot be used differently from the test purpose



ConardLee

Technical Manager / SGS KOREA

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Results:

| Antimicrobial Activity (JIS Z 2801:2010E) | | | | | | |
|--|------------------------------------|-----------------------|-------------------|-----|------------------------|----------------|
| Test microorganisms | Initial bacteria number (CFU/film) | Control (CFU/film) | Result(s) | | | |
| | | | Sample (CFU/film) | | Antimicrobial activity | |
| | | | | | R | Percentage (%) |
| <i>Escherichia coli</i> ATCC 8739 | 3.0 × 10 ⁵ | 2.0 × 10 ⁶ | 1st | <25 | 4.9 | >99.9% |
| | | | 2nd | <25 | 4.9 | >99.9% |
| | | | 3rd | <25 | 4.9 | >99.9% |
| <i>Salmonella typhimurium</i> NCTC12023 | 3.1 × 10 ⁵ | 1.6 × 10 ⁶ | 1st | <25 | 4.8 | >99.9% |
| | | | 2nd | <25 | 4.8 | >99.9% |
| | | | 3rd | <25 | 4.8 | >99.9% |
| <i>Klebsiella pneumoniae</i> ATCC 4352 | 2.9 × 10 ⁵ | 1.3 × 10 ⁶ | 1st | <25 | 4.7 | >99.9% |
| | | | 2nd | <25 | 4.7 | >99.9% |
| | | | 3rd | <25 | 4.7 | >99.9% |

<Remark>

1) Inoculum Concentration :

Escherichia coli : 3.0 × 10⁵ CFU/film

Salmonella typhimurium : 3.1 × 10⁵ CFU/film

Klebsiella pneumoniae : 2.9 × 10⁵ CFU/film

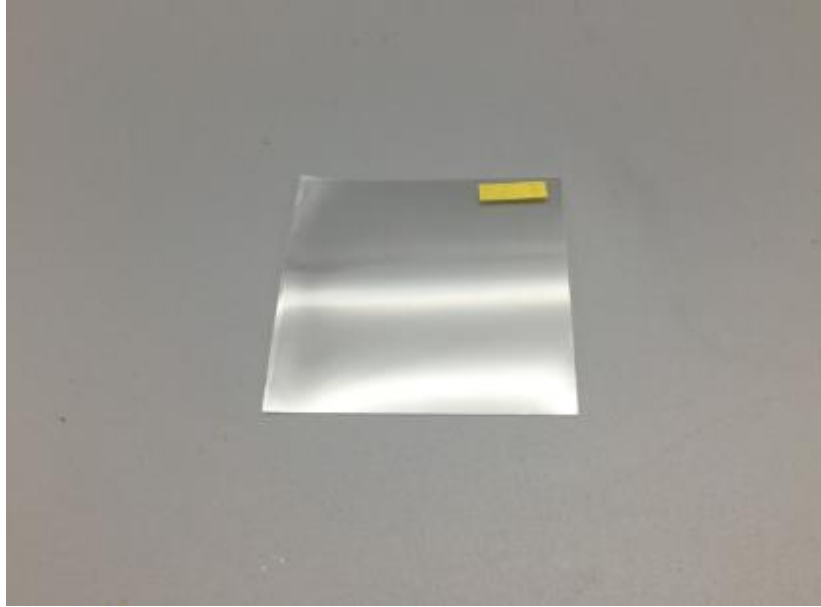
2) Method: JIS Z-2801 methods- Pour plate method

3) Dilution Medium : 1/500 Nutrient broth (BD)

4) Inoculations : 35 °C, 1 hr

5) Incubation : 35 °C, 48 hr

Picture of Sample as Received :



AYFN21-00876





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- Antimicrobial Activity of Photo: *Klebsiella pneumoniae* -



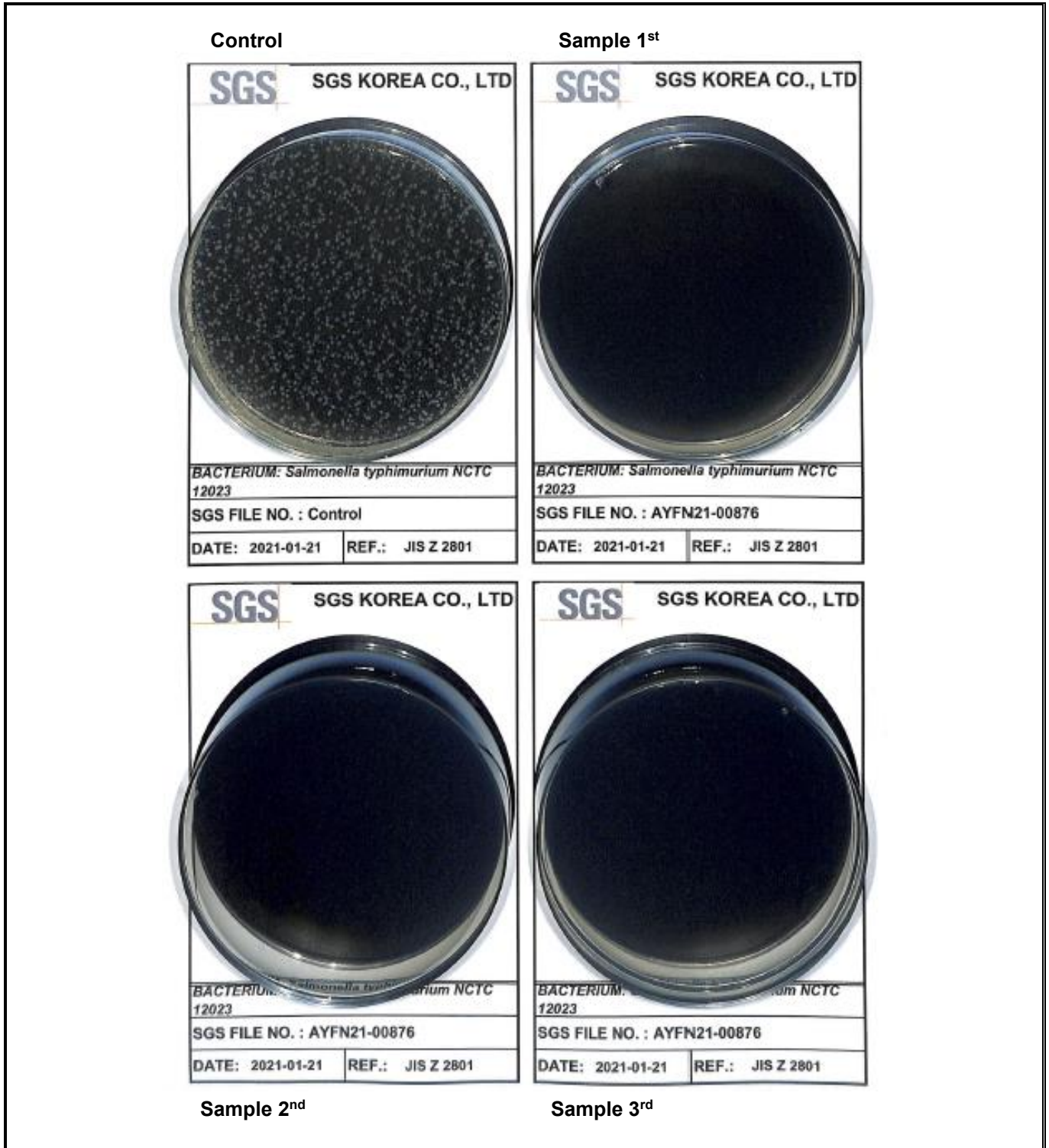
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- Antimicrobial Activity of Photo: *Escherichia coli* -

| Control | Sample 1 st | | | | | | | | | | | | |
|---|--|--|-----------------------------|--|------------------|------------------|---|--|--|-----------------------------|--|------------------|------------------|
|  |  | | | | | | | | | | | | |
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| DATE: 2021-01-21 | REF.: JIS Z 2801 | | | | | | | | | | | | |
| Sample 2 nd | Sample 3 rd | | | | | | | | | | | | |
|  |  | | | | | | | | | | | | |
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- Antimicrobial Activity of Photo: *Salmonella typhimurium* -



*** End of Report ***

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