



POLYREY  
attn Mr. Patrick Prevost  
Usine de Couze  
FR-24150 LALINDE

Burgdorf, 28.10.2010

**Test order No. 2010-1652**

**Determination of the antimicrobial activity**

Date of order:	18.10.2010
Responsible:	Mr. Patrick Prevost
Pages:	2
Enclosures:	Abstract: JIS Z 2801:2000

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**Method(s):**

JIS Z 2801:2000	Quantitative analysis for determination of the bacteriostatic activity:
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**SANITIZED AG**

**Erich Rohrbach**  
Head Microbiology

The findings are valid for the tested object(s) only. Filing record of report and documentation is 10 years.

**SANITIZED AG**  
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## Results

### Description of sample

Sample number: **2010-1652-01** Received: 18.10.2010  
Business: POLYMER Type: Quality control

Identification: White Laminate  
Main Component: Melamin resin  
Minor Component: -  
Appearance: White  
Field of Application: Cubicles and Lockers  
Manufacturing Method: Lamination

Sanitized Products: BC A 21-61  
Declared quantity: -

### Test results of the SANITIZED-laboratory

Quantitative analysis for determination of the bacteriostatic activity:				
Method	Test point	Activity	Reduction in %	Evaluation
JIS Z 2801:2000	Staphylococcus aureus ATCC 6538P	>4,00	>99,99	Good effect

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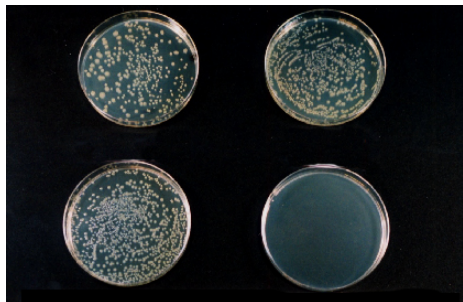
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## Count tests: JIS Z 2801



### Test the anti-microbial activity and efficacy

**Country / Year:**

Japan / 2000

**Test time:**

4 days

**Field of application:**

flat plastic material with smooth, non-absorbent surface

**Sample size:**

Test specimen with a side length of 45mm in a triple determination

**Scope:**

This method is applied for the quantitative determination of the antibacterial effectiveness of non-diffusible active substances.

**Abstract:**

The previously sterilized test-specimens are impregnated with a defined quantity of a germ-suspension and are covered with a piece of sterile plastic film. The thus prepared test samples are incubated in a closed system for 24 hours at 37°C/99°F. The incubated samples are then rinsed together with the plastic film with a defined quantity of sterile diluent solution.

**Test assessment:**

Evaluation is based on the difference in bacteria count (in terms of cfu) between zero and 24 hour contact with the test material. Germ reduction "Bacteriostatic Activity R" is given as logarithmic and proportional value.

**Test Organisms:**

Staphylococcus aureus ATCC 6538

Escherichia coli ATCC 11229

Klebsiella pneumoniae ATCC 4352

**Explanation of the bacteriostatic activity:**

0.0%: germ growth, insufficient antibacterial effect

0.1% to <90%: no significant germ reduction, insufficient antibacterial effect

>90%: Significant germ reduction, good antimicrobial effect.