

## Протокол испытаний

ASH20-017414-02

Дата: 06/05/2020

Заказчик:

Адрес:

Образец: Антибактериальный пластик ABS

Производитель: /

Партия образцов: / 2054

Дата производства: /

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SGS № : NBHL2004004205SD

Дата получения образца: 20/04/2020

Период испытания: 20/04/2020 - 06/05/2020

Вид испытания: по запросу клиента

Метод испытания: см. следующую страницу

Результат(ы) : см. следующую страницу



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## Протокол испытаний

ASH20-017414-02

Дата: 06/05/2020

### Описание образца:..

Образец №	SGS ID образца	Описание
1	ASH20-017414.001	образец в пакетике

### Результат испытания:

Вид испытания: Тест на антибактериальную активность

Метод испытания: ISO 22196:2011 Измерение антибактериальной активности на пластмассовых и других непористых поверхностях

ASH20-017414.001

Тестируемые микроорганизмы	Эшерихия коли ATCC 8739	Золотистый стафилококк ATCC 6538P
Концентрация бактерий (CFU/ml)	8.8x10 <sup>5</sup>	9.0x10 <sup>5</sup>
Объем посевого материала (ml)	0.4	0.4
U <sub>0</sub>	4.31	4.31
U <sub>t</sub>	5.98	5.76
A <sub>t</sub>	3.71	3.66
R	2.3	2.1
*Уровень антибактериальной активности (%)	99.5	99.2

### Примечание:

1. Контрольный образец - пластиковая плёнка без антибактериальной активности, предоставленная лабораторией SGS.
2. U<sub>0</sub>: Среднее значение десятичного логарифма числа жизнеспособных бактерий (CFU/cm<sup>2</sup>), выделенных из необработанных образцов сразу же после инокуляции.
3. U<sub>t</sub>: Среднее значение десятичного логарифма числа жизнеспособных бактерий (CFU/cm<sup>2</sup>), выделенных из необработанных образцов после 24ч.
4. A<sub>t</sub>: Среднее значение десятичного логарифма числа жизнеспособных бактерий (CFU/cm<sup>2</sup>), выделенных из обработанных образцов после 24 ч.
5. R: Значение антибактериальной активности.
6. \* Формула расчета антибактериальной активности [(B-C)/B]\*100%;  
B: Среднее арифметическое число бактерий, полученных из контрольных образцов после 24-часовой инкубации (CFU/cm<sup>2</sup>);  
C: Среднее арифметическое число бактерий, полученных из образцов после 24-часовой инкубации (CFU/cm<sup>2</sup>).
7. Тестируемый образец - лист пластика.

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Фотография образца:



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\*\*\* Конец \*\*\*

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