



**INSTITUT PRO TESTOVÁNÍ A CERTIFIKACI, a. s.**

třída Tomáše Bati 299, Louky, 763 02 Zlín, Czech Republic

**Testing Laboratory**

Testing laboratory \* Calibration laboratory \* Product certification body \* Quality management systems certification body  
Inspection body \* Authorized body \* Notified body

Number of pages: 4

Page : 1 ref. No. 462203902-01

## **TEST REPORT**

### **ref. No. 462203902-01**

**Client:** ADLER Czech, a.s.  
VAT No.: CZ 25409727

**Address:** Oblouková 391,  
403 40 Ústí nad Labem,  
Czech Republic


**Sample:** Medical face mask, see page 2

**Sample received on:** May 15, 2020

**Report elaborated by:** Radek Matějka

**Place and date of issue:** Zlín, July 30, 2020



  
Ing. Jiří Samsonek, Ph.D.  
Head of Testing Laboratory

**Note: The results given in this Test Report apply only to the sample tested by our laboratory!**  
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### Description and identification of samples:

Table No. I - Sample description and identification

ITC's identification number	Sample identification by client	Description of submitted sample
462203902/01	Typ R97XXXX / šarže 5205016 / výrobce Guangdong Gefeilin Eisai Technology Co., Ltd	Medical face mask, white/blue, see Fig. 1, with marking: GFYY 95/ 2020.03.24 / 20200324 / YY 0469-2011



Fig. No.1 – Picture of samples no. 462203902/01

### Sampling method used:

The test sample was collected and supplied to the laboratory by the client. The laboratory is not responsible for this way of sampling

### Work requested:

Determination of selected physical-mechanical properties –Medical face mask testing

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### Testing method used:

1. Testing the properties of medical mask – determination of bacterial filtration efficiency acc. ČSN EN 14638+AC, 5.2.2 – sub-delivery

### Test conditions:

- |  |                                 |
|--|---------------------------------|
| 1. No. of tested specimens                               | 5                               |
| Tested area  | 50 cm <sup>2</sup>              |
| Samples conditioning                                     | (23±5)°C; (85±5)% R.h.; min 4 h |
| Side of the mask in contact with the bacterial challenge | Inner side                      |
| Challenge bacterial strain used                          | Staphylococcus aureus ATCC6538  |
| CFU test suspension                                      | 3,05 x 10 <sup>5</sup> /ml      |
| Flow rate  | 28,3 min                        |
| Incubation   | 48 h at (36±1)°C                |

*The laboratory is not responsible for information received from customer, which could have influence on the validity of the results. Further information required by standards and not given in this Test Report are available at a request at the Laboratory.*

### Testing laboratory:

Test No. 1 Sub-delivery Hygcen report No. B 24626

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### Test result:

The test results are given in the following table:

**Table No. II – Results for bacterial efficiency test – sample 462203902/01**

Specimen No.	Unit	Test result
1	%	99,50
2		99,89
3		99,22
4		98,25
5		98,93
Average		98,96

M.Sc. Roman Dlabaja, Ph.D.  
Head of Laboratory of Physics

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