Test report n°: **23LA09576** of **18/05/2023**

Dear
CBS MEDICAL SRL
Via dell'Industria, 50
36035 Marano Vicentino (VI)

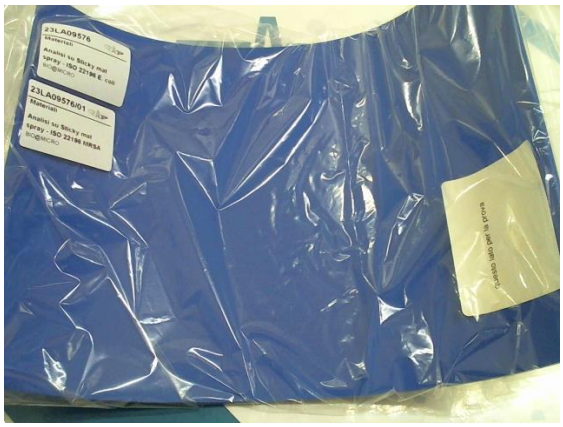
Acceptance Data

Subject of the test: **Generic Material**

Transport: **Cliente**

Date of arrival: **16/05/2023** Time of arrival: **11.48**

Acceptance date: **16/05/2023**



Sample data

Description: **Permanent Washable Decontaminating Antibacterial Mat**

Sampling data

Sampling by: **Cliente**

Place: **Sede del Cliente**

The analytical results are exclusively referred to the sample.
Representation of a Test Report signed electronically in accordance with current legislation.

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Laboratory management system certified UNI EN ISO 9001: 2015 by CertiEuro srl with the No. 20466Q. Recommended by AIC for the analysis of quantification of gluten in food matrices. Registrated laboratory for the analysis of food contact materials intended for export to Japan.
Laboratory registered in the list of regional laboratories carrying out analysis in the context of self-control procedures for Food Industries No. 52. It is the responsibility of the OSA to communicate the warnings to the bodies in charge

3A Laboratori SRL - The tests are performed at the registered office
Via A.Volta 1/d Maserà di Padova - 35020 (PD) Email: 3alaboratori@lifeanalytics.it Tel. 049 0994658-0994671 Fax. 049 8868430
Cap. Soc. €100000,00 I.V. - REA di PD 378402 - Codice Fiscale, Iscriz. Reg .Imprese di Padova 04296730288 e Partita Iva 14996171006

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Parameter - Specification *Method - Notes*	M.U.	Results Notes	LoQ	LoD	Test start Test end
Determination of antibacterial activity (R) - R=(Ut-Uo)-(At-Uo) ISO 22196:2011		**> 5**	0,3		16/05/2023 18/05/2023
Determination of antibacterial activity (R) ISO 22196:2011	%	**> 99.999**	50		16/05/2023 18/05/2023
Size of test specimens (H x L)	mm	**50x50**			16/05/2023 16/05/2023
Thickness of test specimens	mm	**3,0**			16/05/2023 16/05/2023
Type of polymer used for the cover film		**Polypropylene**			16/05/2023 16/05/2023
Size of the cover film (H x L)	mm	**40x40**			16/05/2023 16/05/2023
Thickness of the cover film	mm	**0,10**			16/05/2023 16/05/2023
Type of Gram-negative strain		**Escherichia coli ATCC 8739**			16/05/2023 16/05/2023
Method of conditioning		**UV-C radiation (30 min per side)**			16/05/2023 16/05/2023
Reference used		**Inert Internal material**			16/05/2023 16/05/2023
Volume of test inoculum	ml	**0,4**			16/05/2023 16/05/2023
Number of viable bacteria in the test inoculum	n°	**310000**			16/05/2023 18/05/2023
Uo - N° of viable bacteria recovered from the untreated test specimens after inoculation	log	**4,3**	0,4		16/05/2023 18/05/2023
Ut - N° of viable bacteria recovered from the untreated test specimens after 24 h	log	**5,9**	0,4		16/05/2023 18/05/2023
At - Count bacteria recovered from the treated samples 24 hours post inoculation	log	**NQ**	0,4		16/05/2023 18/05/2023

If the sampling is not the responsibility of 3ALaboratori srl, the latter declines all responsibility with regard to sampling information as provided by the Customer; the results refer exclusively to the object tested unless otherwise specified in this Test Report. When these data include measurements that affect the measurement unit, the results expressed are obtained by processing them. The Acceptance Data is the responsibility of the Laboratory while the sample data are the responsibility of the Customer. If the sample is not suitable but the Customer chooses to continue anyway, the laboratory declines all responsibility for the results that could be influenced by the deviation. Unless otherwise indicated in the Test Report, the Laboratory applies the following decision rule for the evaluation of conformity from a limit: in the event that, taking into consideration the measurement uncertainty, the conformity of the result is not unequivocal, the Laboratory has decided to determine it through the direct comparison between the result obtained and the reference value, not considering the measurement uncertainty. The probability of false acceptance is less than 50%.

LEGEND: **U.M.** = Unit of measurement; **(Sup)** = upper limit; **(Inf)** = Lower Limit ; **LoQ** = limit of quantification, it is the lower limit of concentration above which it is possible to obtain a quantitative measurement instrumentally; in microbiology the LoQ is of a theoretical nature; **LoD** = limit of detectability, is the lower limit of concentration below which the sample cannot be detected; in qualitative analyzes it represents the minimum concentration at which an analyte can be determined or not; **NQ** = unquantifiable, indicates a value less than LoQ; **NR** = not detectable, indicates a value lower than LoD;"**<x**" or "**>x**" respectively indicate a value lower or higher than the measuring range of the test, where x is the result

(s.s.): Parameters with the designation "s.s." they are determined or recalculated on the dry matter.

(§): Indicates a change from the previous version of the Test Report.

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(le): Indicates that the parameters/activities are performed in subcontracting.

UNLESS OTHERWISE SPECIFIED: Quantitative microbiological tests are performed on single replica and two consecutive dilutions in accordance with UNI EN ISO 7218: 2013 (with the exception of the analysis of water and MPN); the results of this test report are not corrected for recovery factors (R) as the values of recovery are in the tolerance specified in the test method; summations are calculated using the criterion of the lower bound (LB)

Technical Director
Dr.ssa Sandra Salvò
Chimico
Ordine Interprov. Chimici del Veneto - Padova n° 1278 SEZ. A

---------- End of Test Report ----------

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