LAB N° 1165 L

Test report n°: **23LA08211** of **10/05/2023**

Dear
Blucast UAB
Zirmunu str. 66
09131 Vilnius ()

Acceptance Data

Subject of the test: **Generic Material**

Transport: **Customer**

Date of arrival: **26/04/2023** Time of arrival: **14.30**

Acceptance date: **26/04/2023**

Sample data

Description: **Threaded Gate Valve PN16**

Sampling data

Sampling by: **Customer**

Place: **Customer location**

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

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	Limits	LoQ	LoD	Test start Test end
Overall migration into aqueous food simulant by article filling EN 1186-1:2002 + EN 1186-9:2002						28/04/2023
Simulant used		**Acqua**				28/04/2023 03/05/2023
Temperature of the test	°C	**40**				28/04/2023 03/05/2023
Duration of contact		**24h**				28/04/2023 03/05/2023
Global migration of the sample 1 in the simulant solvent	mg/dm²	**5,8**		1		28/04/2023 08/05/2023
Global migration of the sample 2 in the simulant solvent	mg/dm²	**6,3**		1		28/04/2023 08/05/2023
Global migration of the sample 3 in the simulant solvent	mg/dm²	**6,3**		1		28/04/2023 08/05/2023
Average Global migration in the simulant solvent	mg/dm²	**6,1**	10 (Sup)	1		28/04/2023 08/05/2023
Global migration of the sample 1 in the simulant solvent	mg/kg	**34,5**		6		28/04/2023 08/05/2023
Global migration of the sample 2 in the simulant solvent	mg/kg	**37,6**		6		28/04/2023 08/05/2023
Global migration of the sample 3 in the simulant solvent	mg/kg	**37,6**		6		28/04/2023 08/05/2023
Average Global migration in the simulant solvent	mg/kg	**37**	60 (Sup)	6		28/04/2023 10/05/2023
Migration of dyestuffs DM 21/03/1973 SO GU n° 104 20/04/1973 All IV Sez 7	% T	**> 98.0**	(Inf) 95	0		09/05/2023 09/05/2023
* Acrylonitrile (cas 107-13-1): Specific migration EN 13130-3:2004	mg/kg	**NQ**	0,02 (Sup)	0,02		09/05/2023 10/05/2023

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.

(Ie): 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

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specified in the test method; summations are calculated using the criterion of the lower bound (LB)

(*): Test/activity not accredited by ACCREDIA

Conformity Declaration:

Regarding the analytical phases and the analyzed parameters, the sample under examination is COMPLIANT for contact with food substances relating to the simulant liquids used, subject to verification of the compositional formulation.

Legislative References: D.M.174 del 06/04/2004, D.M. 21/03/73, Reg. EU / 10/2011 of 14/01/2011 s.m.i.

The calculations were made assuming that 1 kg of food comes into contact with 6 dm2 of product.

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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