

LGAI TECHNOLOGICAL CENTER, S.A.  
Campus UAB  
C/ta. de Acceso a la Universidad de Medicina, s/n  
08193 Bellaterra (Barcelona)  
Tlf.: 93 5672000 Fax: 93 5672001

**TEST REPORT ISSUED BY LGAI TECHNOLOGICAL CENTER, S.A.**

\* Los ensayos y actividades marcados no están amparados por la acreditación de ENAC.  
Las actividades recogidas en el apartado de observaciones no están amparadas por la acreditación de ENAC.  
La incertidumbre de los ensayos incluidos en el alcance de acreditación se encuentra a disposición del cliente.

**CUSTOMER IDENTIFICATION DATA:**

**NAME:** NORDIC Ecolfelx ApS  
**CENTER:**  
**ADDRESS:** HUGINSUEG, 15

**CITY:** DENMARK  
**PROVINCE:** 4100  
**COUNTRY:** Dinamarca

**SAMPLE IDENTIFICATION DATA:**

**PRODUCT:** MIGRATION TEST  
**SUPPLIER:**  
**BRAND:**  
**BATCH:**  
**CATEGORY:**  
**REMARKS:** SENT BY CUSTOMER

**PACKING DATE:**  
**EXP. DATE:**  
**PRODUCT Tª T.M.:**  
**YOUR/REFERENCE:**

**SAMPLE TAKING DATE:**  
**RECEPTION DATE:** 04/11/13  
**BAR CODE**  
**SECTION:**

**OVERALL MIGRATION TESTS**

Overall migration tests according to REGULATION (UE) No 10/2011 OF THE COMMISSION of 14 January 2011 on materials and plastic objects intended to come in contact with foodstuff and to standards UNE-EN 1186-1:2002, UNE-EN-1186-2 and UNE-EN 1186-3:2002

Test conditions: 10 days at 40°C. Immersion migration test

Associated uncertainty:

The expanded uncertainty of the measurement has been expressed as the typical uncertainty of the measurement multiplied by a covering factor  $k=2$ , which, for a normal distribution, corresponds to a covering probability of approximately 95%.

The indicated results are only referred to the sample, product or material submitted to the laboratory as it is indicated in section of submitted materials and tests in the conditions indicated in the standards or procedures described in this document

**PHYSICO-CHEMICAL ANALYSIS**

Start 05/11/13 End 02/12/13

**Characteristics of materials**

	Parameter	Results
1	Overall migration Simulant A (Ethanol 10% v/v)	
	OM2 Conditions (10 days at 40°C) (mg/dm <sup>2</sup> )	0.7
2	Overall migration Simulant B (Acetic Acid 3% v/v)	
	OM2 Conditions (10 days at 40°C) (mg/dm <sup>2</sup> )	0.7
* 3	Overall migration Simulant D2 (olive oil)	
*	OM2 Conditions (10 days at 40°C) (mg/dm <sup>2</sup> )	<5.0

KOPI

KOPI

Present document shall not be reproduced except in full.

**TEST REPORT ISSUED BY LGAI TECHNOLOGICAL CENTER, S.A.**

**PHYSICO-CHEMISTRY DEPARTMENT:**

*Opinions and interpretations expressed herein are outside the scope of ENAC accreditation.*

**CONCLUSIONS**

The overall migration results obtained for the tests simulators are lower than the maximum allowed limit for overall migration for simulators A (ethanol 10%), B (Acetic Acid 3%) and D2 (Olive Oil); established in 10 mg/dm<sup>2</sup> according to REGULATION (UE) No 10/2011 OF THE COMMISSION of 14 January 2011 on materials and plastic objects intended to come in contact with foodstuff.

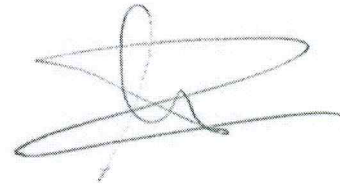
The material complies with the Regulation with respect to the overall migration of the components with simulators A (ethanol 10%), B (Acetic Acid 3%) and D2 (Olive Oil).

**METHODOLOGY USED**

Q 1 Tests acc. Regulation 10/2011 and UNE-EN 1186-1:2002  
Q 3 Tests acc. Regulation 10/2011 and UNE-EN 1186-1:2002

Q 2 Tests acc. Regulation 10/2011 and UNE-EN 1186-1:2002

**Directora Técnica  
ISABEL RODRIGUEZ  
Bellaterra, 5th of December of 2013**



**Service Quality Guarantee**

Applus+ guarantees that this task has been carried out in compliance with the requirements of our Quality and Sustainability System, and furthermore, that the contractual terms and legal regulations have been complied with.

In the framework of our improvement programme, we would appreciate any comments you may deem appropriate. These should be addressed to the manager who signs this document, or to the Quality Director of Applus+ at the following address: [satisfaccion.cliente@appluscorp.com](mailto:satisfaccion.cliente@appluscorp.com)