


Declaration of Conformity (DoC)

Product codes (example)		Description (example)	Photo (example)
KPI-100SW-BIO KPI-180SW-BIO KPI-200SW-BIO KPI-300SW-BIO KPI-400SW-BIO KPI-500SW-BIO KPI-100DW-BIO KPI-200DW-BIO KPI-300DW-BIO KPI-200TW-BIO KPI-300TW-BIO KPI-400TW-BIO KPI-500TW-BIO MPI-100SW-BIO MPI-200SW-BIO MPI-250SW-BIO MPI-300SW-BIO MPI-350SW-BIO MPI-400SW-BIO MPI-100DW-BIO MPI-200DW-BIO MPI-250DW-BIO MPI-300DW-BIO MPI-350DW-BIO MPI-400DW-BIO	KPB-100SW-BIO KPB-180SW-BIO KPB-200SW-BIO KPB-300SW-BIO KPB-400SW-BIO KPB-500SW-BIO KPB-100DW-BIO KPB-200DW-BIO KPB-300DW-BIO KPB-200TW-BIO KPB-300TW-BIO KPB-400TW-BIO KPB-500TW-BIO MPB-100SW-BIO MPB-200SW-BIO MPB-250SW-BIO MPB-300SW-BIO MPB-350SW-BIO MPB-400SW-BIO MPB-100DW-BIO MPB-200DW-BIO MPB-250DW-BIO MPB-300DW-BIO MPB-350DW-BIO MPB-400DW-BIO	Paper cups / bowls	

Materials: BIO coated paper made from virgin fibres

Above mentioned products fulfil the requirements of the following legal requirements:

Framework Regulation (EC) 1935/2004;

Commission Regulation (EC) No 2023/2006 (Good Manufacturing Practice) with amendment Commission Regulation 282/2008 amended up to Commission Regulation (EU) 2015/1906 of 22 October 2015;

Commission Regulation (EU) No 10/2011 with all amendments up to Commission Regulation (EU) 2017/752 of 28 April 2017;

EC directive 94/62, concerning heavy metals. The sum of concentration of the heavy metals: Cr(VI), Hg, Cd, and Pb does not exceed 100 ppm;

Article 5 of the European Regulation 1895/2005 concerning epoxy derivatives, the above mentioned packaging does not contain epoxy derivatives;

Polish Parliamentary Act of 25 August 2006 with amendments (latest: Dz.U. of 2010, Nr.136. poz.914) with executive regulations.

BfR Recommendation XXXVI Paper and board for food contact.

EuPIA (The European Printing Ink Association) guideline for printing inks for packaging with the non-printed side in direct contact with food.

Specification of the intended use or limitations:

- Type(s) of food intended to come into contact with the material:
 - All aqueous, hot and cold Foods products.
- Duration and temperature of treatment and storage while in contact with the food:
 - From room temperature or lower till 70°C for not longer than 2 hours, or
 - 95°C for not longer than 15 minutes,which are not followed by long-term room temperature or refrigerated storage.

A correctly fitted cup lid should have the mouthpiece positioned on the opposite side of the seal.
Cup leak test performed at an angle of 45°.

- Ratio of the area of food contact material to the volume used to determine the compliance of the food contact material or article:
 - 1,88 dm² / 250 ml symulant.
- Storage:
 - The cups must be stored in a plastic foil bag to protect them from contamination, away from heat-emitting appliances (for example not on top of coffee machine or close to any type of heater), in a dry room protected from the weather and direct sunlight at a temperature of 5 to 35°C and a maximum humidity of 70%. Optimum use-by date 1 year from date of manufacture.

Paper:

In order to achieve high chemical and microbiological purity, virgin fibres were used for the production of paperboard. The pulp and paper production process follows an established technology using widely recognised chemicals.

The paper complies with the requirements in BfR Recommendation XXXVI, paper and board.
Analyses were carried out on represented paperboard samples.

Heavy metals:

Cadmium (Cd), <0.1 mg/ kg

Mercury (Hg) <0.1 mg/ kg

Lead (Pb) <1.0 mg / kg

Chromium (Cr) <1.0 mg / kg

Chromium-VI not detectable

Formaldehyde: The analysis was performed in accordance with EN 1541. Formaldehyde <1mg/ dm²

Pentachlorophenol (PCP): Analysis was performed according to EN ISO 15320. PCP <0.15 mg/ kg

Fluorescent bleaching agents: Analysed in accordance with EN 648. no transfer (score 5), for each of the test fluids.

Dyes: Analysis was performed according to EN 646. No carry-over (score 5), for each of the test fluids.

Antimicrobial components: No migration, these components are not added to the paper.

Barrier layer

All substances used as raw materials for the barrier layer are listed in the following regulations.

Substances used for the barrier layer comply with the following regulations:

- Regulation (EC) No 1935/2004 on materials and articles intended to come into contact with food;
- Commission Regulation (EC) No 10/2011 on plastic materials and articles intended to come into contact with food and subsequent amending regulations;
- Regulation (EC) No 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food;

The substances used in the barrier coating do not contain any dual use additives.

Global migration (test report)

The global migration for the barrier layer is as follows:

Simulant	Contact time	Temperature	Result (mg/dm ²)
3% acetic acid	2 h	T boiling, cooled 70°C	< 10
50% ethanol	2 h	T boiling, cooled 70°C	< 10
95% ethanol	10 days	40°C	< 10
Isooctane	2 days	20°C	< 10

SML - Specific migration limit

The substances used in the barrier layer do not contain any monomers or additives with a specific migration limit (SML) according to Commission Regulation (EU) 20/2011.

Heavy metals

The barrier layer complies with the Packaging and Packaging Waste Directive 94/62/EC as amended by 2004/12/EC. The sum of lead, cadmium, mercury and hexavalent chromium is less than 100 ppm.

Packaging waste

The heavy metal cadmium, lead, mercury and chromiumVI are not intentionally used in the manufacture of our products. The sum of heavy metals cadmium, lead, mercury and chromiumVI incidentally present is below 100ppm. Therefore, our products comply with the limits set out in Directive 94/62/EC.

The test results for the cups are as follows (test report)

Type of test	Method	Model fluid	Contact conditions	Unit	Result	Criterion	Parameter compliant/non-compliant
Sensory analysis 1)							
Odour	scoring method (6 assessors) DIN 10955:2004	water	2h / 70°C	-	1,0	no requirements	-
Flavour		water	2h / 70°C	-	1,0	no requirements	-
Global migration	PN-EN 1186-1:2005 ; PN-EN 1186-9:2006	3% acetic acid	2h / 95°C	mg/dm ²	<0,5 (0,0 ; 0,0; 0,1) +/- 0,75	<=10	compliant
		10% ethanol	2h / 95°C	mg/dm ²	<0,5 (0,0 ; 0,0; 0,1) +/- 0,75	<=10	compliant
Aerobic mesophilic microorganism count	PN-EN ISO 4833:2004+Ap1:2005			Cfu per test area	<1 +/- 30%	-	-
Number of fungi (moulds and thrushes)	PB-104 edition I from 22.03.2010			Cfu per test surface	<1 +/- 30%	-	-
Presence of Salmonella sp.	PN-EN ISO 6579:2003			absent on the test surface			

1) The scale used for the odour/flavour assessment:

- 0 - no noticeable deviation of the odour /flavour,
- 1 - barely noticeable deviation of the odour /flavour (hard to define yet),
- 2 - weak deviation of the odour /flavour,
- 3 - significant deviation of the odour /flavour,
- 4 - strong deviation of the odour /flavour (this intensity does not determine the probable maximum).

Description of EC regulations

Regulation	Description
Regulation (EC) No 1935/2004 — materials and articles intended to come into contact with food	It lays down common rules for packaging materials and articles such as bottles and containers, which come, or may come, into contact with food, either directly or indirectly.
Regulation (EC) No 31/2005 - Ceramic objects in contact with foodstuffs	<p>Ceramic objects used to contain foodstuffs may transfer lead and cadmium to these foodstuffs. These two metals are toxic and can constitute a risk to human health.</p> <p>The Directive lays down maximum limits for the cadmium and lead transferred by ceramic objects to the foodstuffs with which they enter into contact.</p>
Regulation (EC) No 1895/2005 - restriction of use of certain epoxy derivatives in materials and articles intended to come into contact with food	It lays down specific migration limits for 2,2-bis(4-hydroxyphenyl)propane bis(2,3-epoxypropyl) ether ('BADGE' i.e. Bisphenol-A DiGlycidyl Ether), bis(hydroxyphenyl)methane bis(2,3-epoxypropyl)ethers ('BFDGE' i.e. Bisphenol-F DiGlycidyl Ether) and novolac glycidyl ethers (NOGE) and some of their derivatives.
Regulation (EC) No 2023/2006 - good manufacturing practice for materials and articles intended to come into contact with food	It lays down rules on good manufacturing practice (GMP) for materials and articles that come into contact with food.
Regulation (EC) No 282/2008 - recycled plastic materials and articles intended to come into contact with foods and amending Regulation (EC) No 2023/2006	Recycled plastic materials and articles shall only be placed on the market if they contain recycled plastic obtained only from a recycling process, authorized in accordance with this Regulation.
Regulation (EC) No 10/2011 - plastic materials and articles intended to come into contact with food	<p>Plastic materials and articles that come into contact with food may transfer toxic substances to them and may be a risk to human health.</p> <p>The regulation introduces migration limits for substances used in such packaging and lays down conditions for their use to ensure food safety.</p> <p>It sets out the requirements for the manufacture and marketing of plastic materials and articles intended to come into contact with food. These requirements supplement the general rules laid down in Regulation (EC) No 1935/2004 on materials and articles used for food packaging.</p>
Regulation (EC) No 284/2011	Laying down specific conditions and detailed procedures for the import of polyamide and melamine plastic kitchenware originating in or consigned from the People's Republic of China and Hong Kong.

Specification for food contact materials

Material description:	Plastic, ceramic and metal that comes in contact with food.	Test	Available documentation
Requirements (UWS):	Max level in the final product	Test	
POLYVINYL CHLORIDE (PVC) POLYVINYLIDENE CHLORIDE (PVDC)	Not allowed	FTIR/Beilstein	
BISPHENOL A	Not allowed (for polycarbonate products)	Solvent Extraction/LC-MS	
CANDIDATE LIST OF SUBSTANCES of very high concern Link: candidate-list-table	Not allowed	-	
MATERIALS:	Declaration of Conformity according to:	-	
PLASTIC	Regulation (EC) No 1935/2004 Regulation (EC) No 1895/2005 Regulation (EC) No 2023/2006 Regulation (EC) No 10/2011 Regulation (EC) No 284/2011	Eu 10/2011 Annex V	
RECYCLED PLASTIC	Regulation (EC) No 1935/2004 Regulation (EC) No 2023/2006 Regulation (EC) No 282/2008 Regulation (EC) No 10/2011	Eu 10/2011 Annex V	
CERAMIC	Regulation (EC) No 1935/2004 Regulation (EC) No 31/2005 Regulation (EC) No 2023/2006	-	
OTHER MATERIALS	Regulation (EC) No 1935/2004 Regulation (EC) No 2023/2006	-	

We confirm that delivered products comply with requirements mentioned above.

The Declaration of Compliance is valid as of the date specified below and it will be replaced only in case of any change in used substances, or when the relevant legislation is modified and updated in such a manner, so that a new evaluation of the Declaration of Compliance is required. The change of product code, description, or photo does not require to issue new DoC.

Date:

20 January 2023

Signature:


Prezes Zarządu
WirelessCom Sp. z o.o.
Tomasz Szebesta
Tomasz Szebesta

rainbowcups
WirelessCom Sp. z o.o.
Ul. Rozłogi 14/3, 01-310 Warszawa, Poland
NIP/VAT EU: PL5222831655
tel.: 00 48 665 400 809
e-mail: info@rainbowcups.eu

Company:

WirelessCom sp. z o.o. (rainbowcups), 01-310 Warsaw, Poland

CERTIFICATE

Certificate holder	Colombier Finland Oy Harjuntie 101 49270 PYHTÄÄ FINLAND
Product	Compostable material for home and garden composting
Type, Model	COL FBB COL-Cup COL-FBB OBA-free COL-Cup+
Testing basis	NF T51-800:2015 Certification scheme Products made of compostable materials for home and garden composting (2016-02)
Mark of conformity	
Registration No.	9R0015
Valid until	2026-10-31
Right of use	With this certificate the holder is granted the special entitlement for advertising purposes for the mark of conformity shown above in conjunction with the specified registration number. See annex for further information.

ANNEX

Page 1 of 1

Certificate

9R0015 dated 2020-11-23

Technical Data

paperboard

uncoloured, unprinted

max. layer thickness / grammage: 330 gsm



ZERTIFIKAT

Zertifikatinhaber

**Colombier Finland Oy
Harjuntie 101
49270 PYHTÄÄ
FINNLAND**

Produkt

Kompostierbare Werkstoffe für die Heim- und Gartenkompostierung

Typ, Modell

COL FBB
COL-Cup
COL-FBB OBA-free
COL-Cup+

Prüfgrundlage(n)

NF T51-800:2015
Zertifizierungsprogramm Produkte aus kompostierbaren Werkstoffen für die Heim- und Gartenkompostierung (2016-02)

Konformitätszeichen



Registernummer

9R0015

Gültig bis

2026-10-31

Nutzungsrecht

Mit diesem Zertifikat wird dem Inhaber ein Sondernutzungsrecht für Werbezwecke für das oben abgebildete Konformitätszeichen in Verbindung mit der genannten Registernummer erteilt.

Weitere Angaben siehe Anhang.



ANHANG

Seite 1 von 1

Zertifikat

9R0015 von 2020-11-23

Technische Angaben

Papier/ Pappe

ungefärbt, unbedruckt

max. Schichtdicke / Flächengewicht: 330 g/m²





QUALITY STATEMENT FOR DIRECT FOOD CONTACT - COLOMBIER BROWN/WHITE ECOBARRIER CUPSTOCK

We hereby declare that:

- 1) The chemical composition of the material complies with:
 - a. FDA 21 CFR 176/170
 - b. BfR (BGVV, recommendation XXXVI)
- 2) The material is produced exclusively from virgin fibre.
- 3) There are no paper contaminants resulting from direct contact with wet or greasy substances.
- 4) Pulp used is elementary chlorine free.
- 5) The product doesn't contain Antraquinone from feedstock pulp or paper.
- 6) Colombier EcoBarrier is a monomaterial

Technical values:

	Bottom	Wall
Substance	235 g/m ²	285 g/m ²
Thickness	285 mic	
Stiffness L&W (15°) MD (mN)	140	
Stiffness L&W (15°) CD (mN)	60	
Stiffness Taber (15°) MD (mNm)	7,0	
Stiffness Taber (15°) CD (mNm)	2,9	
Moisture Content (%)	7,5	
Brightness D65 Top side (%)	7,5	
SCT MD (kN/m)	4,5	
SCT CD (kN/m)	3,0	
Roughness Bendtsen Top side (ml/min)	≤ 200	

EN 13432

The European norm EN 13432 Requirements for packaging recoverable through composting and biodegradation - Test scheme and evaluation criteria for the final acceptance of packaging (2000), the Canadian standard CAN/BNQ 0017-088 Specifications for compostable plastics (2010) and the international standard ISO 18606 Packaging and the environment - Organic recycling (2013) prescribe a minimum volatile solids content of 50% on total solids (TS).

Volatile solids content

The total solids content (TS), the moisture content, the volatile solids content (VS) on total solids and the ash content on total solids of the test item are shown in Table 1. EN 13432 (2000), CAN/BNQ 0017-088 (2010) and ISO 18606 (2013) prescribe a minimum volatile solids content of 50% on TS. Colombier Cupstock with a volatile solids content of 89.0% on TS easily fulfills this requirement.

Table 1. Total solids content, moisture content, volatile solids content and ash content of the test item

Characteristics	Colombier Cupstock
Total solids (TS, %)	95.1
Moisture content (%)	4.9
Volatile solids (VS, % on TS)	89.0
Ash content (% on TS)	11.0

Source: OWS nv Gent BELGIUM

Heavy metals and fluorine

The heavy metals content and the fluorine content of Colombier Cupstock are given in Table 2, together with the limit values as prescribed by EN 13432 (2000), ASTM D6868 (2017) and CAN/BNQ 0017-088 (2010). All values lay well below the maximum levels as prescribed by the standards.

Table 2.

Analysis	Colombier Cupstock	EN13432	ASTM D6868	Test method
Heavy metals				
Zn	16.0	<150	<1400	DIN EN ISO 17294-2
Cu	<1	<50	<750	DIN EN ISO 17294-2
Ni	1.4	<25	<210	DIN EN ISO 17294-2
Cd	<0.1	<0.5	<19.5	DIN EN ISO 17294-2
Pb	2.1	<50	<150	DIN EN ISO 17294-2
Hg	<0.1	<0.5	<8.5	DIN EN ISO 17294-2
Cr	2.7	<50	-	DIN EN ISO 17294-2
Mo	<1	<1	-	DIN EN ISO 17294-2
Se	<0.75	<0.75	<50	DIN EN ISO 17294-2
As	<1	<5	<20.5	DIN EN ISO 17294-2
Co	<1	-	-	DIN EN ISO 17294-2

Source: OWS nv Gent BELGIUM

Colombier Cupstock fulfills the requirements on material characteristics (volatile solids, heavy metals and fluorine) as defined by EN 13432 (2000), ASTM D6868 (2017), CAN/BNQ 0017-088 (2010) and ISO 18606 (2013).

Recyclability

On the basis of laboratory analysis Colombier cupstock is classified as recyclable

Sample code	Colombier Cup
Disintegrability	Non-paper constituents
	Wall stock and Bottom stock
	Total reject
Sheet formation	7.1%
	Recyclable percentage
	92.9%
Overall rating recyclability	Adhesive impurities
	None
	Optical inhomogeneties
	None
	Recyclable

Source: Papiertechnische Stiftung (PTS) Heidenau Germany

Pyhtää, Finland 13.9.2019



HAMILTON

FOSFA
INTERNATIONAL



TEST REPORT No. 900020660/21/POZ

Client WIRELESSCOM SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ ul. Rozłogi 14/3 01-310 Warszawa		Sample <i>according to declaration of Client</i> Sample description: Single Wall paper cups, 200-250ml capacity, with custom print Batch: 2104051-2104051-1-01 Print: Cabinplant Batch: 2104051-2104051-1-01 Production date: 13.05.2021
Sample reception date:	29.09.2021	Sample status: no objections Sample received from the Client
Start of analysis:	06.10.2021	
End of analysis:	06.10.2021	
Test report date:	06.10.2021	

Test Method	Food simulant	Test conditions	Unit	Result
* Sensory analysis - scoring method (6 assessors) ¹⁾ DIN 10955:2004				
Odour	water	2h / 70°C	-	0,5
Flavour	water	2h / 70°C	-	1,0

- 1) The scale used for the odour/flavour assessment:
 0 - no noticeable deviation of the odour /flavour,
 1 - barely noticeable deviation of the odour /flavour (hard to define yet),
 2 - weak deviation of the odour /flavour,
 3 - significant deviation of the odour /flavour,
 4 - strong deviation of the odour /flavour (this intensity does not determine the probable maximum).

Authorized by:
 Natalia Misiuna, Analysis Expert Sensory Analysis Laboratory Gdynia

This report is approved by the qualified electronic seal of J.S. Hamilton Poland Sp. z o.o.

Laboratory address:
 Chwaszczyńska 180, 81-571 Gdynia

THE END OF THE REPORT

The results refer only to the samples received. When a measurement uncertainty is given, it is an expanded uncertainty estimated for a coverage factor k=2 at 95% confidence level and is not including sampling uncertainty, unless otherwise stated. When the conformity is stated J.S. Hamilton Poland Sp. z o.o. applies the simple acceptance decision rule in accordance with ILAC-G8:09/2019, unless otherwise reported. This test report may not be copied in part without the prior written permission of J.S. Hamilton Poland Sp. z o.o. The responsibility of J.S. Hamilton Poland Sp. z o.o. is limited solely to the data issued in its original. J.S. Hamilton Poland Sp. z o.o. does not permit the use of the PCA accreditation symbol AB 079 by customers, subcontractors, external service providers and other third parties. For further information please refer to the PCA document - DA-02. The service confirmed by this report is subject to the General Terms and Conditions of Services of J.S. Hamilton Poland Sp. z o.o. published on www.hamilton.com.pl.

* Test method accredited
 # Test performed by external provider

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J.S. HAMILTON POLAND Sp. z o.o.
TESTING LABORATORY

Chwaszczyńska 180, 81-571 Gdynia, Poland tel. +48 58 766 99 00

TEST REPORT No. 900020660/21/POZ




The results refer only to the samples received. When a measurement uncertainty is given, it is an expanded uncertainty estimated for a coverage factor $k=2$ at 95% confidence level and is not including sampling uncertainty, unless otherwise stated. When the conformity is stated J.S. Hamilton Poland Sp. z o.o. applies the simple acceptance decision rule in accordance with ILAC-G8:09/2019, unless otherwise reported. This test report may not be copied in part without the prior written permission of J.S. Hamilton Poland Sp. z o.o. The responsibility of J.S. Hamilton Poland Sp. z o.o. is limited solely to the data issued in its original. J.S. Hamilton Poland Sp. z o.o. does not permit the use of the PCA accreditation symbol AB 079 by customers, subcontractors, external service providers and other third parties. For further information please refer to the PCA document - DA-02. The service confirmed by this report is subject to the General Terms and Conditions of Services of J.S. Hamilton Poland Sp. z o.o. published on www.hamilton.com.pl.

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Materials: PE coated paper made from virgin fibres

Above mentioned products fulfil the requirements of the following legal requirements:

Framework Regulation (EC) 1935/2004;

Commission Regulation (EC) No 2023/2006 (Good Manufacturing Practice) with amendment Commission Regulation 282/2008 amended up to Commission Regulation (EU) 2015/1906 of 22 October 2015;

Plastic materials: Commission Regulation (EU) No 10/2011 with all amendments up to Commission Regulation (EU) 2017/752 of 28 April 2017;

EC directive 94/62, concerning heavy metals. The sum of concentration of the heavy metals: Cr(VI), Hg, Cd, and Pb does not exceed 100 ppm;

Article 5 of the European Regulation 1895/2005 concerning epoxy derivatives, the above mentioned packaging does not contain epoxy derivatives;

Polish Parliamentary Act of 25 August 2006 with amendments (latest: Dz.U. of 2010, Nr.136. poz.914) with executive regulations.

BfR Recommendation XXXVI Paper and board for food contact.

BfR Recommendation III Polyethylene

EuPIA (The European Printing Ink Association) guideline for printing inks for packaging with the non-printed side in direct contact with food.

Specification of the intended use or limitations:

- Type(s) of food intended to come into contact with the material:
 - All aqueous, hot and cold Foods products.
- Duration and temperature of treatment and storage while in contact with the food:
 - From room temperature or lower till 70°C for not longer than 2 hours, or
 - 95°C for not longer than 15 minutes,which are not followed by long-term room temperature or refrigerated storage.

A correctly fitted cup lid should have the mouthpiece positioned on the opposite side of the seal.
Cup leak test performed at an angle of 45°.

- Ratio of the area of food contact material to the volume used to determine the compliance of the plastic food contact material or article:
 - 1,88 dm² / 250 ml symulant.
- Storage:
 - The cups must be stored in a plastic foil bag to protect them from contamination, away from heat-emitting appliances (for example not on top of coffee machine or close to any type of heater), in a dry room protected from the weather and direct sunlight at a temperature of 5 to 35°C and a maximum humidity of 70%. Optimum use-by date 1 year from date of manufacture.

Paper:

In order to achieve high chemical and microbiological purity, virgin fibres were used for the production of paperboard. The pulp and paper production process follows an established technology using widely recognised chemicals.

The paper complies with the requirements in BfR Recommendation XXXVI, paper and board.
Analyses were carried out on represented paperboard samples.

Heavy metals:

Cadmium (Cd), <0.1 mg/ kg

Mercury (Hg) <0.1 mg/ kg

Lead (Pb) <1.0 mg / kg

Chromium (Cr) <1.0 mg / kg

Chromium-VI not detectable

Formaldehyde: The analysis was performed in accordance with EN 1541. Formaldehyde <1mg/ dm²

Pentachlorophenol (PCP): Analysis was performed according to EN ISO 15320. PCP <0.15 mg/ kg

Fluorescent bleaching agents: Analysed in accordance with EN 648. no transfer (score 5), for each of the test fluids.

Dyes: Analysis was performed according to EN 646. No carry-over (score 5), for each of the test fluids.

Antimicrobial components: No migration, these components are not added to the paper.

Plastic layer

All substances used as raw materials for the plastic layer are listed in the following regulations.

Substances used for the plastic layer comply with the following regulations:

- Regulation (EC) No 1935/2004 on materials and articles intended to come into contact with food;
- Commission Regulation (EC) No 10/2011 on plastic materials and articles intended to come into contact with food and subsequent amending regulations;
- Regulation (EC) No 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food;
- Polyethylene BfR Recommendation III (2010)

The substances used in the plastic coating do not contain any dual use additives.

Global migration (test report)

The global migration for the plastic layer is as follows:

Simulant	Contact time	Temperature	Result (mg/dm ²)
3% acetic acid	2 h	T boiling, cooled 70°C	< 10
50% ethanol	2 h	T boiling, cooled 70°C	< 10
95% ethanol	10 days	40°C	< 10
Isooctane	2 days	20°C	< 10

SML - Specific migration limit

The substances used in the plastic layer do not contain any monomers or additives with a specific migration limit (SML) according to Commission Regulation (EU) 20/2011.

Heavy metals

The plastic layer complies with the Packaging and Packaging Waste Directive 94/62/EC as amended by 2004/12/EC. The sum of lead, cadmium, mercury and hexavalent chromium is less than 100 ppm.

Packaging waste

The heavy metal cadmium, lead, mercury and chromiumVI are not intentionally used in the manufacture of our products. The sum of heavy metals cadmium, lead, mercury and chromiumVI incidentally present is below 100ppm. Therefore, our products comply with the limits set out in Directive 94/62/EC.

The test results for the cups are as follows (test report)

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Global migration	PN-EN 1186-1:2005 ; PN-EN 1186-9:2006	3% acetic acid	2h / 95°C	mg/dm ²	<0,5 (0,0 ; 0,0; 0,1) +/- 0,75	<=10	compliant
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Aerobic mesophilic microorganism count	PN-EN ISO 4833:2004+Ap1:2005			Cfu per test area	<1 +/- 30%	-	-
Number of fungi (moulds and thrushes)	PB-104 edition I from 22.03.2010			Cfu per test surface	<1 +/- 30%	-	-
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Regulation	Description
Regulation (EC) No 1935/2004 — materials and articles intended to come into contact with food	It lays down common rules for packaging materials and articles such as bottles and containers, which come, or may come, into contact with food, either directly or indirectly.
Regulation (EC) No 31/2005 - Ceramic objects in contact with foodstuffs	<p>Ceramic objects used to contain foodstuffs may transfer lead and cadmium to these foodstuffs. These two metals are toxic and can constitute a risk to human health.</p> <p>The Directive lays down maximum limits for the cadmium and lead transferred by ceramic objects to the foodstuffs with which they enter into contact.</p>
Regulation (EC) No 1895/2005 - restriction of use of certain epoxy derivatives in materials and articles intended to come into contact with food	It lays down specific migration limits for 2,2-bis(4-hydroxyphenyl)propane bis(2,3-epoxypropyl) ether ('BADGE' i.e. Bisphenol-A DiGlycidyl Ether), bis(hydroxyphenyl)methane bis(2,3-epoxypropyl)ethers ('BFDGE' i.e. Bisphenol-F DiGlycidyl Ether) and novolac glycidyl ethers (NOGE) and some of their derivatives.
Regulation (EC) No 2023/2006 - good manufacturing practice for materials and articles intended to come into contact with food	It lays down rules on good manufacturing practice (GMP) for materials and articles that come into contact with food.
Regulation (EC) No 282/2008 - recycled plastic materials and articles intended to come into contact with foods and amending Regulation (EC) No 2023/2006	Recycled plastic materials and articles shall only be placed on the market if they contain recycled plastic obtained only from a recycling process, authorized in accordance with this Regulation.
Regulation (EC) No 10/2011 - plastic materials and articles intended to come into contact with food	<p>Plastic materials and articles that come into contact with food may transfer toxic substances to them and may be a risk to human health.</p> <p>The regulation introduces migration limits for substances used in such packaging and lays down conditions for their use to ensure food safety.</p> <p>It sets out the requirements for the manufacture and marketing of plastic materials and articles intended to come into contact with food. These requirements supplement the general rules laid down in Regulation (EC) No 1935/2004 on materials and articles used for food packaging.</p>
Regulation (EC) No 284/2011	Laying down specific conditions and detailed procedures for the import of polyamide and melamine plastic kitchenware originating in or consigned from the People's Republic of China and Hong Kong.

Specification for food contact materials

Material description:	Plastic, ceramic and metal that comes in contact with food.	Test	Available documentation
Requirements (UWS):	Max level in the final product	Test	
POLYVINYL CHLORIDE (PVC) POLYVINYLIDENE CHLORIDE (PVDC)	Not allowed	FTIR/Beilstein	
BISPHENOL A	Not allowed (for polycarbonate products)	Solvent Extraction/LC-MS	
CANDIDATE LIST OF SUBSTANCES of very high concern Link: candidate-list-table	Not allowed	-	
MATERIALS:	Declaration of Conformity according to:	-	
PLASTIC	Regulation (EC) No 1935/2004 Regulation (EC) No 1895/2005 Regulation (EC) No 2023/2006 Regulation (EC) No 10/2011 Regulation (EC) No 284/2011	Eu 10/2011 Annex V	
RECYCLED PLASTIC	Regulation (EC) No 1935/2004 Regulation (EC) No 2023/2006 Regulation (EC) No 282/2008 Regulation (EC) No 10/2011	Eu 10/2011 Annex V	
CERAMIC	Regulation (EC) No 1935/2004 Regulation (EC) No 31/2005 Regulation (EC) No 2023/2006	-	
OTHER MATERIALS	Regulation (EC) No 1935/2004 Regulation (EC) No 2023/2006	-	

We confirm that delivered products comply with requirements mentioned above.

The Declaration of Compliance is valid as of the date specified below and it will be replaced only in case of any change in used substances, or when the relevant legislation is modified and updated in such a manner, so that a new evaluation of the Declaration of Compliance is required. The change of product code, description, or photo does not require to issue new DoC.

Date:

Signature:

20 January 2023

Prezes Zarządu
WirelessCom Sp. z o.o.
Tomasz Szebesta
Tomasz Szebesta

rainbowcups
branded paper cups
WirelessCom Sp. z o.o.
Ul. Rozłogi 14/3, 01-310 Warszawa, Poland
NIP/VAT EU: PL5222831655
tel.: 00 48 665 400 809
e-mail: info@rainbowcups.eu

Company:

WirelessCom sp. z o.o. (rainbowcups), 01-310 Warsaw, Poland

Certificate

Version: 2016:1

October 19, 2016

Declaration of Compliance

<i>Trade name</i>	Cupforma Natura PE and Cupforma Natura 2PE (hereafter referred to as the extrusion coated paperboard)
<i>Product description</i>	Bleached cup board with PE coating
<i>Baseboard grammage</i>	Ranges between 170 g/m ² to 330 g/m ²
<i>PE coating</i>	The PE coating can be on one side or on both sides of the paperboard. Coating weights vary depending on specifications. For more information see technical specification.
<i>Fiber source</i>	Virgin fiber
<i>Bleaching</i>	All used pulps are elementary chlorine free (ECF-pulps)
<i>Production site</i>	Cupforma Natura is manufactured at Stora Enso Consumer Board, Imatra Mills For information on the extrusion coating site please contact your sales office
<i>Producer</i>	Stora Enso Consumer Board, Imatra Mills

Compliance with European food contact legislation

We hereby declare that this extrusion coated paperboard before conversion complies where applicable and under foreseeable conditions of use with the requirements of **Regulation (EC) No 1935/2004** on materials and articles intended to come into contact with food. This extrusion coated paperboard is produced in accordance with **Commission Regulation (EC) No 2023/2006** on good manufacturing practice for materials and articles intended to come into contact with food.

This extrusion coated paperboard is intended for packaging dry, aqueous, acidic, low alcoholic and fatty foodstuffs.

This extrusion coated paperboard is intended for use under the following conditions of temperature and time.

- Freezer/fridge
- Room temperature (up to 40°C for more than 24 hrs)
- Hot-fill*

* "hot-fill" means the filling of any article with a food with a temperature not exceeding 100 °C at the moment of filling, after which the food cools down to 50 °C or below within 60 minutes, or to 30 °C or below within 150 minutes.

This extrusion coated paperboard is not intended for use under the following conditions and temperatures.

- Microwave oven
- Conventional oven

NOTE!

For questions regarding if a specific end-use (food type and/or conditions) is covered by this declaration please contact your local sales office for more information. Please note that safe and appropriate use in this context means product safety. There might be technical limitations that the converter needs to take into account and test separately before use.

When converting this paperboard each part of the converting chain is responsible for the suitability for the intended end-use.



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Tel +358 2046 121
www.storaenso.com

Stora Enso Oyj
Domicile: Helsinki
VAT no: FI10390508
Business ID: 103950-8

Paperboard

For the purpose to achieve high chemical and microbiological purity only virgin fibers and food contact approved chemical additives are used as raw material in the production of paperboard. The pulp and paper manufacturing process conforms to established technology involving the use of generally recognized chemicals.

The **paperboard** complies where applicable and under foreseeable conditions of use with

- Regulation (EC) No 1935/2004 on materials and articles intended to come into contact with food
- Commission Regulation (EC) No 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food
- BfR Recommendation XXXVI, Paper and board (2015)

Information is based on the written confirmation of our suppliers and analysis performed on representative paperboard samples.

Plastic layer

All the raw materials used in the extrusion coating comply with the relevant requirements and under foreseeable conditions of use with

- Regulation (EC) No 1935/2004 on materials and articles intended to come into contact with food
- Commission Regulation (EC) No 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food
- Commission Regulation (EU) 10/2011 as amended until 2016/1416 on plastic materials and articles intended to come into contact with food.

Information is based on the written confirmation of our suppliers of raw materials for the plastic layer and analysis performed on the extrusion coated paperboard.

SML's – plastic layer

Substances used in the board extrusion coating do not contain any monomers or additives with specific migration limit (SML) according to Commission Regulation (EU) 10/2011.

Dual Use Additives - plastic layer

The used substances in the extrusion coating do not contain any additives that are authorized as food additives by Regulation (EC) No 1333/2008 or as flavourings by Regulation (EC) No 1334/2008.

Analyses / Migration tests according to Commission Regulation (EU) 10/2011*

The overall migration tests have been performed on representative samples of **the plastic layer** of multi-material multi-layer structure according to EN 1186 standards. The overall migration limit 10 mg/dm² stipulated in the Commission Regulation (EU) 10/2011* is not exceeded.

Simulant	Contact time	Temperature (°C)	Results (mg/ dm²)
3% Acetic acid	10 days	40°C	< 10
10% Ethanol	10 days	40°C	< 10
95% Ethanol	10 days	40°C	< 10
Iso-Octane	2 days	20°C	< 10

** According to Article 14 of the Commission Regulation (EU) 10/2011: In a multi-material multi-layer material or article, the composition of each plastic layer shall comply with this Regulation. Overall migration limits and specific migration limits of this Regulation do not apply to plastic layers in multi-material multi-layer materials and articles. In a multi-material multi-layer material or article, specific and overall migration limits for plastic layers and for the final material or article may be established by national law.*



Industry Guideline

The *Industry Guideline for the Compliance of Paper and Board Materials and Articles for food contact* provides harmonised approach for self-regulation of paper and board. Stora Enso as a company supports and operates according to the Industry Guideline. More information on the guideline can be found on the following web site;

<http://www.cepi.org/mediacentre/publications>

Compliance with US food contact legislation

Cupforma Natura PE and Cupforma Natura 2PE are polymer coated paperboards. Based on the FDA compliance information available for each layer, Stora Enso has determined that Cupforma Natura PE and Cupforma Natura 2PE boards comply with the Federal Food, Drug and Cosmetic Act and applicable food additive regulations for use in contact with food types I, II, III, IV A-B, V, VII A-B, VIII and IX under conditions of use C through G and with food types VI A-C under conditions of use D through G as described in tables 1 and 2 of 21 C.F.R. §176.170.

NOTE!

Please note that safe and appropriate use in this context means product safety. There might be technical limitations that the converter needs to take into account and test separately before use. When converting this paperboard each part of the converting chain is responsible for the suitability for the intended end-use.

Analyses / Paperboard

Please note that the following information is applicable **only for the paperboard layer** in this multi-material multi-layer structure.

Compliance with BfR Recommendation XXXVI

The paperboard complies with the requirements in BfR Recommendation XXXVI, Paper and Board as follows. Analyses have been performed on representative samples of paperboard.

Heavy metals:

Cadmium (Cd)	< 0.5 mg/kg
Mercury (Hg)	< 0.3 mg/kg
Lead (Pb)	< 3.0 mg/kg

Formaldehyde: Analysis has been performed according to EN 1541. The amount of formaldehyde is < 1 mg/dm².

Optical brightening agents: Optical brightening agents, OBAs, are not used as raw material or intentionally added in the production of paperboard. Analysis has been performed according to EN 648. There was no visible transfer (grade 5) for any of the test fluids.

Colour fastness: Analysis has been performed according to EN 646. There was no visible transfer (grade 5) for any of the test fluids.

Hemmhof test: Analysis has been performed according to EN 1104. There is no transfer of antimicrobial constituents. We do not add surface biocides on top of the paperboard.

Chromium

Chromium (Cr)	< 2.0 mg/kg
Chromium-VI	not detectable



Dioxin in paperboard

The content of polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) expressed in World Health Organization (WHO) and NATO/CCMS toxic equivalents in paperboard are below 1 ng/kg board.

PCB

Analyses have been performed on representative paperboard samples for polychlorinated biphenyls (PCB) according to EN ISO 15318. The amount of PCB is below < 2.0 mg/kg.

PCP

Analysis has been performed on representative paperboard sample for pentachlorophenol (PCP) according to EN ISO 15320. The amount of PCP is < 0.15 mg/kg.

Substances / Paperboard

Intentionally added shall mean deliberately utilized in the formulation of a material or component where its continued presence is desired in the final product to provide a specific characteristics, appearance or quality. Please note that we do not analyze the paperboard for the substances listed below. Information below is based on information given by our chemical suppliers.

Please note that the following information is applicable **only for the paperboard layer** in this multi-material multi-layer structure.

GMO

We hereby confirm that Genetically Modified Organisms (GMO) as defined by European Union* are not intentionally added in the production paperboard. Our suppliers can however not exclude adventitious and technically unavoidable contamination**.

* http://ec.europa.eu/food/food/biotechnology/index_en.htm

** Regulation 1830/2003 on traceability and labeling of GMO; "The adventitious or technically unavoidable presence of GM-crops in conventional crops may occur as a result of seed production, cultivation, harvest, transport and processing. As long as the level of such contamination remains below the current 0.9 % legislative limit, food ingredients can be considered as not being produced from GM raw materials."

Animal origin

We hereby confirm that no additive of animal origin is intentionally added in the production of paperboard.

BSE

We hereby confirm that no substances causing Transmissible Spongiform Encephalopathies, TSEs including Bovine spongiform encephalopathy, BSE and Creutzfeldt Jakob Disease, CJD is intentionally added in the production of paperboard.

Food allergens

We hereby confirm that, with reference to the US FDA Food Allergen Labelling and Consumer Protection Act (FALCPA) and the Regulation (EU) No 1169/2011 Annex II, the following food allergens or products derived thereof are not intentionally added for the manufacture of paperboard:

- Cereals containing gluten and products thereof*
- Crustaceans and products thereof
- Eggs and products thereof
- Fish and products thereof*
- Peanuts and products thereof
- Soybeans and products thereof*
- Milk and products thereof*
- Nuts and products thereof*
- Celery and products thereof
- Mustard and products thereof
- Sesame seeds and products thereof
- Sulphur dioxide and sulphites at concentrations that may cause transfer from food packaging into food exceeding 10 mg/kg expressed as SO₂.
- Lupin and products thereof
- Molluscs and products thereof

* Please notice the exceptions in the Regulation (EU) No 1169/2011 Annex II



Phthalates

We hereby confirm that no phthalates are intentionally added in the production of paperboard.

Bisphenol A

We hereby confirm that no bisphenol A is intentionally added in the production of paperboard.

Additional legislation and regulations, not food related

Packaging and Packaging Waste Directive

The **extrusion coated paperboard** complies with the Packaging and Packaging Waste directive 94/62/EC as amended.

- The sum of lead, cadmium, mercury and hexavalent chromium in the paperboard is less than 100 ppm (EN 13428).
- The level of substances hazardous* to the environment in the paperboard is less than 0,1% (EN 13428).

** Requirements for classification of substances or preparations dangerous to the environment and assigned the hazard statements H400, H410 and H411 according to the Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP).*

The extrusion coated paperboard is suitable for recovery by ;

- Material recycling (EN 13430)
- Energy recovery (EN 13431)

Note: A material being recoverable by a certain method does not guarantee that the finished packaging can be recovered using this method.

REACH Regulation (EC) 1907/2006

Stora Enso's obligations under REACH are as a manufacturer of articles and substances and as a downstream user.

Where REACH demands registration we have done or will do the registration. Our paper and board grades are defined as articles without intended release with the consequence that no registration is required. Cellulose pulp is defined as a substance and exempted from registration according to annex IV.

We have included REACH demands in our purchasing agreements to secure information exchange in the supply chain. Our chemical suppliers shall continuously follow the development of the Candidate List of Substances of Very High Concern, the substances for authorization as well as any restrictions applicable to our use.

To our knowledge and based on the information from our suppliers today we can confirm that none of our articles contains:

- Substances included on the Candidate List of SVHCs (incl. Annex XIV, Authorisation) in a concentration above 0.1% (w/w).
- Substances included in Annex XVII, Restrictions, where the restriction is applicable on our use.

Certified management systems at the production site/sites

Stora Enso certificates are available on the internet: <http://www.storaenso.com/rethink/responsibility/certificates>



Storage and handling requirements

In order to secure/ensure product safety the product must be well wrapped and stored indoor, sheltered from rain and snow. The recommended storage conditions are at 50-55 % relative humidity and 20-23 °C. We recommend converting of the paperboard within 12 months from manufacturing date and after this time rights of claims normally disappear.

For uncertainties regarding the shelf life of the board please contact your local sales office.

Disclaimer

It is the responsibility of the manufacturer of the finished packages to ensure that products fabricated from material manufactured by us meet all relevant regulatory and legislative requirements, specifications and limitations in the intended application. This certificate and its contents are subject to the following additional limitations and disclaimers:

- *Based on reasonable investigations, the information set out herein is accurate to our current knowledge only. We take no responsibility for information that has been provided to us by our suppliers and on which we have relied when producing the information contained herein.*
- *This certificate is only valid as of its date of publication and, for the avoidance of doubt, we assume no liability for subsequent changes in information, contents, processes, regulatory requirements or otherwise.*
- *This certificate is only valid to the extent it has been signed and delivered by an authorized employee of the Stora Enso group.*
- *Nothing in this certificate shall be interpreted as a warranty (direct or implied) with respect to (a) anything beyond what is expressly set out herein, (b) the merchantability or fitness for a particular purpose, (c) the use, or the suitability for use, in connection with other products or materials, or (e) the safety or legality in any use, processing and handling of our products.*
- *This certificate forms an integral part of the delivery contract between us and the addressee and any limitations of liability set out in such delivery contract shall apply to this certificate.*
- *No one other than the addressee may rely on this certificate and we assume no liability whatsoever to any third party*

Imatra, 19 October 2016

Stora Enso Consumer Board
Imatra Mills

Minna Kiviranta

Minna Kiviranta
Product Safety Manager





HAMILTON

FOSFA
INTERNATIONAL



TEST REPORT No. 900020660/21/POZ

Client WIRELESSCOM SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ ul. Rozłogi 14/3 01-310 Warszawa		Sample <i>according to declaration of Client</i> Sample description: Single Wall paper cups, 200-250ml capacity, with custom print Batch: 2104051-2104051-1-01 Print: Cabinplant Batch: 2104051-2104051-1-01 Production date: 13.05.2021
Sample reception date:	29.09.2021	Sample status: no objections Sample received from the Client
Start of analysis:	06.10.2021	
End of analysis:	06.10.2021	
Test report date:	06.10.2021	

Test Method	Food simulant	Test conditions	Unit	Result
* Sensory analysis - scoring method (6 assessors) ¹⁾ DIN 10955:2004				
Odour	water	2h / 70°C	-	0,5
Flavour	water	2h / 70°C	-	1,0

- 1) The scale used for the odour/flavour assessment:
 0 - no noticeable deviation of the odour /flavour,
 1 - barely noticeable deviation of the odour /flavour (hard to define yet),
 2 - weak deviation of the odour /flavour,
 3 - significant deviation of the odour /flavour,
 4 - strong deviation of the odour /flavour (this intensity does not determine the probable maximum).

Authorized by:
 Natalia Misiuna, Analysis Expert Sensory Analysis Laboratory Gdynia

This report is approved by the qualified electronic seal of J.S. Hamilton Poland Sp. z o.o.

Laboratory address:
 Chwaszczyńska 180, 81-571 Gdynia

THE END OF THE REPORT

The results refer only to the samples received. When a measurement uncertainty is given, it is an expanded uncertainty estimated for a coverage factor k=2 at 95% confidence level and is not including sampling uncertainty, unless otherwise stated. When the conformity is stated J.S. Hamilton Poland Sp. z o.o. applies the simple acceptance decision rule in accordance with ILAC-G8:09/2019, unless otherwise reported. This test report may not be copied in part without the prior written permission of J.S. Hamilton Poland Sp. z o.o. The responsibility of J.S. Hamilton Poland Sp. z o.o. is limited solely to the data issued in its original. J.S. Hamilton Poland Sp. z o.o. does not permit the use of the PCA accreditation symbol AB 079 by customers, subcontractors, external service providers and other third parties. For further information please refer to the PCA document - DA-02. The service confirmed by this report is subject to the General Terms and Conditions of Services of J.S. Hamilton Poland Sp. z o.o. published on www.hamilton.com.pl.

* Test method accredited
 # Test performed by external provider

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J.S. HAMILTON POLAND Sp. z o.o.
TESTING LABORATORY

Chwaszczyńska 180, 81-571 Gdynia, Poland tel. +48 58 766 99 00

TEST REPORT No. 900020660/21/POZ




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Declaration of Conformity (DoC)

Product codes (example)		Description (example)	Photo (example)
L62-PS-WH L62-PS-BL L70-PS-WH L70-PS-BL L80-PS-WH L80-PS-BL L80-PS-BR L80-PS-BL L80-PS-BL	L73-PS-WH L73-PS-BL L85-PS-WH L85-PS-BR L85-PS-BL L90-PS-WH L90-PS-BR L90-PS-BL	PS (Polystyrene) Lids	

Hereby we confirm that above products:

Comply with the legal regulations laid down in the German Commodity Ordinance (or the respective stipulations laid down in the European Regulations on Plastic materials) as well as Regulations (EC) No 1935/2004, 10/2011, 2023/2006 & 1416/2016 in their relevant versions and are intended to come into contact with food.

When used as specified, the overall migration as well as the specific migration does not exceed the legal limits. The test was performed according to the Directive 82/711/EEC and 85/572/EEC.

The materials and raw materials used comply with the German Commodity Ordinance (or the respective stipulations laid down in the European Regulation 1935/2004) and Regulation (EU) No 10/2011 and amendments.

Comply with Directive 94/62/EC on Packaging and Packaging Waste, as amended by Directive 2004/12/EC.

Comply with Polish Parliamentary Act of 25 August 2006 with amendments (latest: Dz.U. of 2010, Nr.136. poz.914) with executive regulations.

There is no substance subject to limitations and/or specifications are used in the above-mentioned product.

Packaging waste

The heavy metal cadmium, lead, mercury and chromium VI are not intentionally used in the manufacture of our products. The sum of heavy metals cadmium, lead, mercury and chromium VI incidentally present is below 100ppm. Therefore, our products comply with the limits set out in Directive 94/62/EC.

1. Identification of Raw Materials:

Raw material: High impact polystyrene (HIPS)

2. Specifications on the use of the Product/Products or limitations:

Suitable for contact with all aqueous, acidic and alcoholic foods and milk products, coffee, tea, etc. from 0°C - 70 °C, including hot-fill and/or heating up to a temperature T where $70\text{ °C} \leq T \leq 100\text{ °C}$ for maximum of $t = 120/2^{((T-70)/10)}$ minutes, which are not followed by long term room temperature or refrigerated storage.

Type(s) of food intended to come into contact with the material: Food, beverage, shake, slush and liquid drinks Foodstuff with acidic nature (pH <4.5) and alcoholic foods with an alcohol content of up to 50 % at any contact conditions that include heating up to 70°C for up to 2 hours, or up to 100°C for up to 15 minutes.

Duration and temperature of treatment and storage while in contact with the food: 10 days, 40°C tested

Lids must be stored in a plastic foil bag to protect them from contamination, away from heat-emitting appliances (for example not on top of coffee machine or close to any type of heater), in a dry room protected from the weather and direct sunlight at a temperature of 5 to 35°C and a maximum humidity of 70%. Optimum use-by date 2 years from date of manufacture.

Ratio of the area of food contact material to the volume used to determine the compliance of the plastic food contact material or article: 1 (100%)

There is no substance subject to limitations and/or specifications/SMLs (specific migration limits) used in the above-mentioned products.

No post-consumer recycled materials are included.

It is NOT used any functional barrier.

When used as specified, the overall migration as well as the specific migration does not exceed the legal limits. The test was performed according to European Regulation (EU) 10/2011.

Migration analysis:

Name of Substance	Limits
High impact polystyrene (HIPS)	<p>Estimation of the Specific migrations: specific migration is not considerable - Overall Migration into 3% acetic acid (2h/70° C by total immersion): 1,3 mg/dm² (limit 10 mg/dm²)</p> <p>- Overall Migration into 50% Ethanol acid (2h/70° C by total immersion): <1 mg/dm² (limit 10 mg/dm²)</p>

Testing is based on EN 1186-1:2002 (section 9.3 – Testing by total immersion).

It does not contain any dual use substances.

Traceability of the product is ensured according to Regulation (EC) No 1935/2004 via the number of the production lot and the date of production displayed in the production carton.

Description of EC regulations

Regulation	Description
Regulation (EC) No 1935/2004 — materials and articles intended to come into contact with food	It lays down common rules for packaging materials and articles such as bottles and containers, which come, or may come, into contact with food, either directly or indirectly.
Regulation (EC) No 31/2005 - Ceramic objects in contact with foodstuffs	<p>Ceramic objects used to contain foodstuffs may transfer lead and cadmium to these foodstuffs. These two metals are toxic and can constitute a risk to human health.</p> <p>The Directive lays down maximum limits for the cadmium and lead transferred by ceramic objects to the foodstuffs with which they enter into contact.</p>
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Specification for food contact materials

Material description:	Plastic, ceramic and metal that comes in contact with food.	Test	Available documentation
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BISPHENOL A	Not allowed (for polycarbonate products)	Solvent Extraction/LC-MS	
CANDIDATE LIST OF SUBSTANCES of very high concern Link: candidate-list-table	Not allowed	-	
MATERIALS:	Declaration of Conformity according to:	-	
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RECYCLED PLASTIC	Regulation (EC) No 1935/2004 Regulation (EC) No 2023/2006 Regulation (EC) No 282/2008 Regulation (EC) No 10/2011	Eu 10/2011 Annex V	
CERAMIC	Regulation (EC) No 1935/2004 Regulation (EC) No 31/2005 Regulation (EC) No 2023/2006	-	
OTHER MATERIALS	Regulation (EC) No 1935/2004 Regulation (EC) No 2023/2006	-	

We confirm that delivered products comply with requirements mentioned above.

The Declaration of Compliance is valid as of the date specified below and it will be replaced only in case of any change in used substances, or when the relevant legislation is modified and updated in such a manner, so that a new evaluation of the Declaration of Compliance is required. The change of product code, description, or photo does not require to issue new DoC.

Przewodzący
WirelessCom Sp. z o.o.
Tomasz Szczęsny

rainbow cups
WirelessCom Sp. z o.o.
Ul. Rozłogi 14/3, 01-310 Warszawa, Poland
NIP/VAT EU: PL5222831655
tel.: 00 48 665 400 809
e-mail: info@rainbowcups.eu

Signature 20 January 2023
Company: WirelessCom sp. z o.o. (rainbowcups); 01-310 Warsaw, Poland



SPRAWOZDANIE Z BADAŃ NR 212891/14/GDY/1

		Próbką (wg deklaracji Zleceńodawcy) WIECZKA Stan próbki bez zastrzeżeń Zlecenie z dnia 2014-09-30 Próbkę dostarczone przez Zleceńodawcę
Data przyjęcia próbki:	2014-10-02	
Data zakończenia badań:	2014-10-28	
Data utworzenia sprawozdania:	2014-10-30	

Rodzaj badania	Metoda	Płyn modelowy	Warunki kontaktu	Jednostka	Wynik	Kryteria	Parametr zgodny/niezgodny
Przygotowanie płynu modelowego do badań migracji specyficznej	PN-EN 1186-1:2005; PN-EN 1186-3:2005						
Powierzchnia kontaktu/objętość płynu modelowego		10% etanol	0,5 godz. w 70°C + 24 godz. w 40°C	dm ² /ml	1,00/100	-	-
Powierzchnia kontaktu/objętość płynu modelowego		3% kwas octowy	0,5 godz. w 70°C + 24 godz. w 40°C	dm ² /ml	1,00/100	-	-
Przygotowanie płynu modelowego do badań migracji specyficznej	PN-EN 1186-1:2005; PN-EN 1186-14:2005						
Powierzchnia kontaktu/objętość płynu modelowego		95% etanol	0,5 godz. w 70°C + 24 godz. w 40°C	dm ² /ml	1,00/100	-	-
* Migracja specyficzna - Styren [CAS: 100-42-5] ¹⁾	HS-GC-FID	3% kwas octowy	0,5 godz. w 100°C + 24 godz. w 40°C	mg/kg	< 0,1	≤ 60	zgodny
* Migracja specyficzna - Ba, Co, Cu, Fe, Li, Mn, Zn. ¹⁾	PB-204/ICP wyd. II z dn. 29.04.2013						
Bar		3% kwas octowy	0,5 godz. w 100°C + 24 godz. w 40°C	mg/kg	<0,0050	≤1	zgodny
Kobalt		3% kwas octowy	0,5 godz. w 100°C + 24 godz. w 40°C	mg/kg	<0,0050	≤0,05	zgodny

Autoryzował: Agnieszka Florek, Starszy Specjalista ds. analiz, Pracownia Spektrometrii
 Magdalena Cheba, Specjalista ds. analiz, Pracownia Chromatografii Gazowej
 Natalia Cichorowicz, Specjalista ds. analiz, Pracownia Badań Produktów Nieżywnościowych
 Zatwierdził: Rafał Kartanowicz, Dyrektor Laboratorium (Zatwierdzone kwalifikowanym podpisem elektronicznym)

Adres laboratorium: Gdynia 81-571, Chwaszczyńska 180

Wyniki odnoszą się wyłącznie do badanych próbek. Jeśli nie określono inaczej podana niepewność pomiaru została oszacowana dla współczynnika k=2 i poziomu ufności 95%.
 Niniejsze sprawozdanie nie może być powielane w części bez pisemnej zgody J.S. Hamilton Poland S.A. Odpowiedzialność J.S. Hamilton Poland S.A. jest ograniczona wyłącznie do danych zawartych w jego oryginale. Usługa potwierdzona niniejszym sprawozdaniem podlega Ogólnym Warunkom Świadczenia Usług J.S. Hamilton Poland S.A. zamieszczonym na stronie www.hamilton.com.pl

* Badanie akredytowane # Wykonane u podwykonawcy

Strona 1 / 4

Formularz PO-14/08d wyd. z dn. 06.06.2014

J.S. HAMILTON POLAND S.A.

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SPRAWOZDANIE Z BADAŃ NR 212891/14/GDY/1

Rodzaj badania	Metoda	Płyn modelowy	Warunki kontaktu	Jednostka	Wynik	Kryteria	Parametr zgodny/niezgodny
Miedź		3% kwas octowy	0,5 godz. w 100°C + 24 godz. w 40°C	mg/kg	<0,0050	≤5	zgodny
Żelazo		3% kwas octowy	0,5 godz. w 100°C + 24 godz. w 40°C	mg/kg	<0,0050	≤48	zgodny
Lit		3% kwas octowy	0,5 godz. w 100°C + 24 godz. w 40°C	mg/kg	<0,0050	≤0,6	zgodny
Mangan		3% kwas octowy	0,5 godz. w 100°C + 24 godz. w 40°C	mg/kg	<0,0050	≤0,6	zgodny
Cynk		3% kwas octowy	0,5 godz. w 100°C + 24 godz. w 40°C	mg/kg	<0,0050	≤25	zgodny
* Migracja specyficzna - Ba, Co, Cu, Fe, Li, Mn, Zn. ¹⁾	PB-204/ICP wyd. II z dn. 29.04.2013						
Bar		10% etanol	0,5 godz. w 70°C + 24 godz. w 40°C	mg/kg	<0,0050	≤1	zgodny
Kobalt		10% etanol	0,5 godz. w 70°C + 24 godz. w 40°C	mg/kg	<0,0050	≤0,05	zgodny
Miedź		10% etanol	0,5 godz. w 70°C + 24 godz. w 40°C	mg/kg	<0,0050	≤5	zgodny
Żelazo		10% etanol	0,5 godz. w 70°C + 24 godz. w 40°C	mg/kg	<0,0050	≤48	zgodny
Lit		10% etanol	0,5 godz. w 70°C + 24 godz. w 40°C	mg/kg	<0,0050	≤0,6	zgodny

Autoryzował: Agnieszka Florek, Starszy Specjalista ds. analiz, Pracownia Spektrometrii
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Zatwierdził: Rafał Kartanowicz, Dyrektor Laboratorium (Zatwierdzone kwalifikowanym podpisem elektronicznym)

Adres laboratorium: Gdynia 81-571, Chwaszczyńska 180

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Niniejsze sprawozdanie nie może być powielane w części bez pisemnej zgody J.S. Hamilton Poland S.A. Odpowiedzialność J.S. Hamilton Poland S.A. jest ograniczona wyłącznie do danych zawartych w jego oryginale. Usługa potwierdzona niniejszym sprawozdaniem podlega Ogólnym Warunkom Świadczenia Usług J.S. Hamilton Poland S.A. zamieszczonym na stronie www.hamilton.com.pl

* Badanie akredytowane # Wykonane u podwykonawcy

Strona 2 / 4

Formularz PO-14/08d wyd. z dn. 06.06.2014

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SPRAWOZDANIE Z BADAŃ NR 212891/14/GDY/1

Rodzaj badania	Metoda	Płyn modelowy	Warunki kontaktu	Jednostka	Wynik	Kryteria	Parametr zgodny/niezgodny
Mangan		10% etanol	0,5 godz. w 70°C + 24 godz. w 40°C	mg/kg	<0,0050	≤0,6	zgodny
Cynk		10% etanol	0,5 godz. w 70°C + 24 godz. w 40°C	mg/kg	0,0032	≤25	zgodny
* Migracja specyficzna - Ba, Co, Cu, Fe, Li, Mn, Zn. ¹⁾	PB-204/ICP wyd. II z dn. 29.04.2013						
Bar		95% etanol	0,5 godz. w 70°C + 24 godz. w 40°C	mg/kg	<0,0050	≤1	zgodny
Kobalt		95% etanol	0,5 godz. w 70°C + 24 godz. w 40°C	mg/kg	<0,0050	≤0,05	zgodny
Miedź		95% etanol	0,5 godz. w 70°C + 24 godz. w 40°C	mg/kg	<0,0050	≤5	zgodny
Żelazo		95% etanol	0,5 godz. w 70°C + 24 godz. w 40°C	mg/kg	<0,0050	≤48	zgodny
Lit		95% etanol	0,5 godz. w 70°C + 24 godz. w 40°C	mg/kg	<0,0050	≤0,6	zgodny
Mangan		95% etanol	0,5 godz. w 70°C + 24 godz. w 40°C	mg/kg	<0,0050	≤0,6	zgodny
Cynk		95% etanol	0,5 godz. w 70°C + 24 godz. w 40°C	mg/kg	<0,0050	≤25	zgodny

¹⁾ Rozporządzenie Komisji (WE) nr 10/2011 z dnia 14 stycznia 2011 r. w sprawie materiałów i wyrobów z tworzyw sztucznych przeznaczonych do kontaktu z żywnością, które stanowi szczególny środek w rozumieniu art. 5 ust. 1 Rozporządzenia (WE) nr 1935/2004 Parlamentu Europejskiego i Rady z dnia 27 października 2004 r. w sprawie materiałów i wyrobów przeznaczonych do

Autoryzował: Agnieszka Florek, Starszy Specjalista ds. analiz, Pracownia Spektrometrii
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Zatwierdził: Rafał Kartanowicz, Dyrektor Laboratorium (Zatwierdzone kwalifikowanym podpisem elektronicznym)

Adres laboratorium: Gdynia 81-571, Chwaszczyńska 180

Wyniki odnoszą się wyłącznie do badanych próbek. Jeśli nie określono inaczej podana niepewność pomiaru została oszacowana dla współczynnika $k=2$ i poziomu ufności 95%.
Niniejsze sprawozdanie nie może być powielane w części bez pisemnej zgody J.S. Hamilton Poland S.A. Odpowiedzialność J.S. Hamilton Poland S.A. jest ograniczona wyłącznie do danych zawartych w jego oryginale. Usługa potwierdzona niniejszym sprawozdaniem podlega Ogólnym Warunkom Świadczenia Usług J.S. Hamilton Poland S.A. zamieszczonym na stronie www.hamilton.com.pl

* Badanie akredytowane # Wykonane u podwykonawcy

Strona 3 / 4

Formularz PO-14/08d wyd. z dn. 06.06.2014

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HAMILTON POLAND
RZECZOZNAWSTWO I BADANIA LABORATORYJNE



FOSFA
INTERNATIONAL

GaŃta

SPRAWOZDANIE Z BADAŃ NR 212891/14/GDY/1

kontaktu z żywnością oraz uchylające dyrektywy 80/590/EWG i 89/109/EWG.

Autoryzował: Agnieszka Florek, Starszy Specjalista ds. analiz, Pracownia Spektrometrii
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Zatwierdził: Rafał Kartanowicz, Dyrektor Laboratorium *(Zatwierdzone kwalifikowanym podpisem elektronicznym)*

Adres laboratorium: Gdynia 81-571, Chwaszczyńska 180

Wyniki odnoszą się wyłącznie do badanych próbek. Jeśli nie określono inaczej podana niepewność pomiaru została oszacowana dla współczynnika $k=2$ i poziomu ufności 95%.

Niniejsze sprawozdanie nie może być powielane w części bez pisemnej zgody J.S. Hamilton Poland S.A. Odpowiedzialność J.S. Hamilton Poland S.A. jest ograniczona wyłącznie do danych zawartych w jego oryginale. Usługa potwierdzona niniejszym sprawozdaniem podlega Ogólnym Warunkom Świadczenia Usług J.S. Hamilton Poland S.A. zamieszczonym na stronie www.hamilton.com.pl

* Badanie akredytowane # Wykonane u podwykonawcy

Strona 4 / 4


Formularz PO-14/08d wyd. z dn. 06.06.2014

J.S. HAMILTON POLAND S.A.

ul. Chwaszczyńska 180, 81-571 Gdynia, tel. +48 58 766 99 00



Declaration of Conformity (DoC)

Product codes (example)		Description (example)	Photo (example)
L62ECO-PULP-WH L70ECO-PULP-WH L73ECO-PULP-WH	L80ECO-PULP-WH L85ECO-PULP-WH L90ECO-PULP-WH L95ECO-PULP-WH	ECO Paper Pulp Fibre Lids compostable and biodegradable	

Hereby we confirm that above products:

Comply with Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food.

Comply with Directive 2001/95/EC (General Product Safety).

Comply with Commission Regulation (EC) No 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food.

Moreover, the products are in compliance with the (Foodstuffs, Consumer Goods and Animal Feed Code (Foodstuffs and Animal Feed Code – LFGB) §§ 30 and 31) and amendments as well as BfR Recommendation XXXVI “Paper and board for food contact”.

Comply with Regulation (EU) 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

Polish Parliamentary Act of 25 August 2006 with amendments (latest: Dz.U. of 2010, Nr.136. poz.914) with executive regulations.

The raw materials used comply with Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food as well as Commission Regulation (EC) No 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food.

For the purpose to achieve high chemical and microbiological purity, only virgin fibers are used in the production of lids:

Fiber lids raw materials: 100% Virgin fibers

Packaging waste

The heavy metal cadmium, lead, mercury and chromiumVI are not intentionally used in the manufacture of the products. The sum of heavy metals cadmium, lead, mercury and chromiumVI incidentally present is below 100ppm. Therefore, the stirrers comply with the Directive 94/62/EC as amended.

Epoxy Regulation

The products do not contain any epoxy derivatives as part of its formulation, i.e. BADGE and its derivatives, NOGE and BFDGE as mentioned in the European Regulation (EC) No 1895/2005.

Allergens

The products are manufactured without the intentional use of substances currently known to be or suspected of being food allergens.

GMO

We hereby confirm that Genetically Modified Organisms (GMO) are not intentionally added in the production of our product

REACH REGULATION (EC) 1907/2006

The products do not contain:

- Substances included on the Candidate List of SVHCs (incl. Annex XIV, Authorization) in a concentration above 0.1%
- Substances included in Annex XVII

ANALYSIS	CONCLUSION
1. Sensorial examination Odour and taste Test <i>In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR Recommendation, Council of Europe Resolution AP (2020) 9</i>	PASS
Limit: 2.5 Result: 0 (Odour, off flavor no perceptible)	
2. Extractable Bisphenol A <i>(In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR Recommendation, Council of Europe Resolution AP (2020) 9)</i>	PASS
<i>With reference to EN 645 (cold water extraction, 23° - 24 hours) followed by LC-MS</i> Limit: 0.05 mg/kg Result: Not detected (< 0.01 mg/kg)	
3. Extractable Formaldehyde <i>(In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 and BfR Recommendation)</i>	PASS
<i>With reference to EN 645 (cold water extraction, 23° - 24 hours) followed by UV-VIS</i> Limit: 1 mg/dm² Result: Not detected (< 0.1 mg/dm²)	
4. Extractable Heavy metals <i>(In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR Recommendation, Council of Europe Resolution AP (2020) 9)</i>	PASS

With reference to EN 645 (cold water extraction, 23° - 24 hours) followed by ICP -MS		
Test Item(s)	Limit	Result
Extractable lead	0.01 mg/kg	Not Detected (< 0.01 mg/kg)
Extractable Cadmium	5 µg/l	Not Detected (< 0.5 µg/l)
Extractable Aluminium	1 mg/kg	Not detected (< 0.1 mg/kg)
Extractable Chromium (III)	0.004 mg/dm ²	Not detected (< 0.004 mg/dm ²)
Extractable Chromium (VI)	ND (Not detected)	Not detected (< 0.004 mg/dm ²)

5. Pentachlorophenol (PCP) Content <i>(In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR Recommendation, Council of Europe Resolution AP (2020) 9)</i>			PASS
<i>With Reference to LFGB § 64 BVL B 82.02.8</i> Limit: 0.15 mg/kg Result: Not Detected (< 0.05 mg/kg)			
6. Extractable Fluorescent Whiteners for paper <i>(In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR Recommendation, Council of Europe Resolution AP (2020) 9)</i>			PASS
<i>With Reference to EN 648:2018</i>			
Test Simulants	Limit	Result	
Distilled water	Grade 5	Grade 5	
3% acetic acid	Grade 5	Grade 5	
Olive oil	Grade 5	Grade 5	
Alkaline salt solution	Grade 5	Grade 5	

7. Extractable Phthalates for paper <i>(In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR Recommendation, Council of Europe Resolution AP (2020) 9)</i>			PASS
<i>With Reference to EN 645 (cold water extraction) followed by GC-MS (23°C – 24 hours)</i>			
Test Item(s)	Limit	Result	
Dibutylphthalate (DBP)	0.3 mg/kg	Not Detected (< 0.1 mg/kg)	
Diisobutylphthalate (DiBP)			
di(2-ethylhexyl) phthalate (DEHP)	1.5 mg/kg	Not Detected (< 0.1 mg/kg)	
8. Perfluorooctanoic Acid (PFOA) and Perfluorooctane Sulfonic Acid (PFOS) Content <i>(As specified in Regulation (EU) 2019/1021 of the European Parliament and of the Council on persistent organic pollutants)</i>			PASS
<i>Extract with organic solvent, analysis with LC/MS</i>			
Tested Item(s)	Limit	Result	
Perfluorooctanoic Acid (PFOA)	0.025 mg/kg	Not Detected (< 0.025mg/kg)	
Perfluorooctane Sulfonic Acid (PFOS)	1 µg/m ²	Not Detected (< 1 µg/m ²)	
9. Specific migration of Glyoxal <i>(In accordance with BfR Recommendation XXXVI "Paper and board for food contact")</i>			PASS
<i>With Reference to EN 647 (hot water extract)</i>			
Test Item(s)	Limit	Result	
Glyoxal	1.5 mg/dm ²	Not detected (<1.5 mg/dm ²)	
10. Specific migration of 1,3-Dichlor-2-propanol (DCP) and Monochloro-1,2-propandiol (MCPD) <i>(In accordance with BfR Recommendation XXXVI "Paper and board for food contact")</i>			

With Reference to EN 647 (hot water extract) – determined by GC-MS			
Test Item(s)	Limit	Result	
1,3-Dichlor-2-propanol	2 µg/l	Not detected (<2 µg/l)	
3- Monochloro-1,2-propanediol	12 µg/l	Not detected (<12 µg/l)	

11. Extractable Thiazolinones (In accordance with BfR Recommendation XXXVI "Paper and board for food contact")		
With Reference to EN 647 (hot water extract) – determined by GC-MS		
Test Item(s)	Limit	Result
1,2-Benzoisothiazolin-3-one (BIT)	10 µg/dm ²	Not detected (<1 µg/dm ²)
2-Methyl-4-isothiazolin-3-on (MIT)	1 µg/l	Not detected (<0.1 µg/l)
Mixture of 5 Chlor-2-methyl-4-isothiazolin-3-on (parts) and 2-Methyl-4-Isothiazolin-3-on	0.5 µg/l	Not detected (<0.5 µg/l)

PASS

RISK MANAGEMENT

All raw materials used in the manufacture of our lids have been evaluated and the risk assessment for finished product food contact suitability has been carried out in accordance with the applicable legal provisions and CEPI food contact guidelines 2019.

Recycled fibers are not used in the production and therefore there is less risk of non-intentionally added substances (NIAS) such as traces of printing inks or mineral oils.

We declare that substances such as phthalates, BPA, Bisphenols F and S, Bisphenol derivatives, glycol ethers, PVC-PVDC, Primary Aromatic Amines, Alkylphenols, APEO's, NPEO's, or any other endocrine disrupting chemicals, Fluorosurfactants, PFAS, PFOA/ PFOS, PBBs, PCB's, PAHs, PBDE's, photoinitiators, benzophenones, benzoates, 1 hydroxycycloheptylketone, 2-ethylanthraquinone, isopropylthioxanthone, 2-ethylhexyl-4-(dimethylamino)benzoate (EHDAB), ethyl-4-(diethylamino)benzoate (EDAB, are not being a part of the production of our products and the raw materials used do not contain any substance that can degrade into or be capable of releasing any of the above-mentioned restricted substances ensuring lids' compliance with European Framework Regulation (EC) no 1935/2004.

Specification of the intended use or limitations:

- Type(s) of food intended to come into contact with the product:
 - All aqueous, acidic and alcoholic foods and milk products, coffee, tea, etc.
- Duration and temperature of treatment and storage while in contact with the food:
 - From 0°C - 70 °C, including hot-fill and/or heating up to a temperature T where $70\text{ °C} \leq T \leq 90\text{ °C}$ for maximum of $t = 120/2^{((T-70)/10)}$ minutes, which are not followed by long term room temperature or refrigerated storage.
- Storage:
 - Storage conditions: from 0° C up to 45°C, protect against moisture.
 - Lids must be stored in a plastic foil bag to protect them from contamination, away from heat-emitting appliances (for example not on top of coffee machine or close to any type of heater), in a dry room protected from the weather and direct sunlight at a temperature of 5 to 35°C and a maximum humidity of 70%. Optimum use-by date 2 years from date of manufacture.
- Shelf life:
 - 24 months

Traceability of the product is ensured according to Regulation (EC) No 1935/2004 via the number of the production lot and the date of production displayed in the production carton.

Description of EC regulations

Regulation	Description
Regulation (EC) No 1935/2004 — materials and articles intended to come into contact with food	It lays down common rules for packaging materials and articles such as bottles and containers, which come, or may come, into contact with food, either directly or indirectly.
Regulation (EC) No 31/2005 - Ceramic objects in contact with foodstuffs	<p>Ceramic objects used to contain foodstuffs may transfer lead and cadmium to these foodstuffs. These two metals are toxic and can constitute a risk to human health.</p> <p>The Directive lays down maximum limits for the cadmium and lead transferred by ceramic objects to the foodstuffs with which they enter into contact.</p>
Regulation (EC) No 1895/2005 - restriction of use of certain epoxy derivatives in materials and articles intended to come into contact with food	It lays down specific migration limits for 2,2-bis(4-hydroxyphenyl)propane bis(2,3-epoxypropyl) ether ('BADGE' i.e. Bisphenol-A DiGlycidyl Ether), bis(hydroxyphenyl)methane bis(2,3-epoxypropyl)ethers ('BFDGE' i.e. Bisphenol-F DiGlycidyl Ether) and novolac glycidyl ethers (NOGE) and some of their derivatives.
Regulation (EC) No 2023/2006 - good manufacturing practice for materials and articles intended to come into contact with food	It lays down rules on good manufacturing practice (GMP) for materials and articles that come into contact with food.
Regulation (EC) No 282/2008 - recycled plastic materials and articles intended to come into contact with foods and amending Regulation (EC) No 2023/2006	Recycled plastic materials and articles shall only be placed on the market if they contain recycled plastic obtained only from a recycling process, authorized in accordance with this Regulation.
Regulation (EC) No 10/2011 - plastic materials and articles intended to come into contact with food	<p>Plastic materials and articles that come into contact with food may transfer toxic substances to them and may be a risk to human health.</p> <p>The regulation introduces migration limits for substances used in such packaging and lays down conditions for their use to ensure food safety.</p> <p>It sets out the requirements for the manufacture and marketing of plastic materials and articles intended to come into contact with food. These requirements supplement the general rules laid down in Regulation (EC) No 1935/2004 on materials and articles used for food packaging.</p>
Regulation (EC) No 284/2011	Laying down specific conditions and detailed procedures for the import of polyamide and melamine plastic kitchenware originating in or consigned from the People's Republic of China and Hong Kong.

Specification for food contact materials

Material description:	Plastic, ceramic and metal that comes in contact with food.	Test	Available documentation
Requirements (UWS):	Max level in the final product	Test	
POLYVINYL CHLORIDE (PVC) POLYVINYLIDENE CHLORIDE (PVDC)	Not allowed	FTIR/Beilstein	
BISPHENOL A	Not allowed (for polycarbonate products)	Solvent Extraction/LC-MS	
CANDIDATE LIST OF SUBSTANCES of very high concern Link: candidate-list-table	Not allowed	-	
MATERIALS:	Declaration of Conformity according to:	-	
PLASTIC	Regulation (EC) No 1935/2004 Regulation (EC) No 1895/2005 Regulation (EC) No 2023/2006 Regulation (EC) No 10/2011 Regulation (EC) No 284/2011	Eu 10/2011 Annex V	
RECYCLED PLASTIC	Regulation (EC) No 1935/2004 Regulation (EC) No 2023/2006 Regulation (EC) No 282/2008 Regulation (EC) No 10/2011	Eu 10/2011 Annex V	
CERAMIC	Regulation (EC) No 1935/2004 Regulation (EC) No 31/2005 Regulation (EC) No 2023/2006	-	
OTHER MATERIALS	Regulation (EC) No 1935/2004 Regulation (EC) No 2023/2006	-	

We confirm that delivered products comply with requirements mentioned above.


The Declaration of Compliance is valid as of the date specified below and it will be replaced only in case of any change in used substances, or when the relevant legislation is modified and updated in such a manner, so that a new evaluation of the Declaration of Compliance is required. The change of product code, description, or photo does not require to issue new DoC.

Prezes Zarządu
WirelessCom Sp. z o.o.
Tomasz Szebesta
Tomasz Szebesta

rainbow cups
WirelessCom Sp. z o.o.
Ul. Rozłogi 14/3, 01-310 Warszawa, Poland
NIP/VAT EU: PL5222831655
tel.: 00 48 565 400 809
e-mail: info@rainbowcups.eu

Signature 20 January 2023
Company: WirelessCom sp. z o.o. (rainbowcups), 01-310 Warsaw, Poland

Declaration of Conformity (DoC)

Product codes (example)		Description (example)	Photo (example)
L80ECO-CPLA-WH L80ECO-CPLA-BL L90ECO-CPLA-WH L90ECO-CPLA-BL	L62ECO-CPLA-WH L62ECO-CPLA-BL L70ECO-CPLA-WH L70ECO-CPLA-BL L73ECO-CPLA-WH L73ECO-CPLA-BL	ECO (CPLA) Lids compostable and biodegradable	

Hereby we confirm that above products:

Comply with Regulations (EC) No 1935/2004, 2023/2006, (EU) No 10/2011 including all amendments in their currently valid versions.

Comply with French regulation in force concerning materials and articles intended to come in contact with food, that is to say sanction decree No 2007-766 of 10th May 2007, amended by the decree No 2008-1469 of 30th December 2008.

Comply with Ministerial decree 21/03/1973 (DM 21/03/73 e smi) and amendments as well as with DPR 777/82 and subsequent modifications.

Polish Parliamentary Act of 25 August 2006 with amendments (latest: Dz.U. of 2010, Nr.136. poz.914) with executive regulations.

Comply with directive 2011/65/EU, as well as the Swiss Ordinance on VOC (volatile organic compounds).

Certified according to EN 13432:2000-12 standard and comply with ASTM D 6400:2012-01 using only certified & tested raw materials as follows:

Criteria: Test Program with reference OK 1 edition E. Including EN 13432 (09-2000): «Packaging - Requirements for packaging recoverable through composting and biodegradation – Test scheme and evaluation criteria for the final acceptance of packaging».

Conclusions of the examination: The products comply with the above-mentioned certification criteria, as confirmed by the test report no 65001218 / 2020-AG-0931p.

The conformity of the product is guaranteed by the procedures for awarding and use of the 'OK COMPOST INDUSTRIAL' conformity mark. "Certificate for awarding and use of the 'OK COMPOST INDUSTRIAL' conformity mark" No. TA8011903268. Issued by TUV Austria CERT GMBH.



Product(s)

Domain	Industrially Compostable Products
Group	Components & constituents
Family	Packaging – Miscellaneous components
Type	Lid

Comply with Directive 94/62/EC on Packaging and Packaging Waste including all amendments in their currently valid versions.

Do not contain substances subject to limitations and/or specifications or dual use substances.

It is NOT used any functional barrier.

When used as specified, the overall migration does not exceed the legal limits. The test was performed according to Regulation (EU) No 10/2011.

Migration analysis:

Name of Substance	Limits
Blend biodegradable polyester resins (CPLA)	Overall Migration into 3% acetic acid (2h/70o C by total immersion): <10 mg/dm ² (limit 10 mg/dm ²) Overall Migration into 50% Ethanol acid (2h/70o C by total immersion): <10 mg/dm ² (limit 10 mg/dm ²)

Testing is based on EN 1186-1:2002 (section 9.3 – Testing by total immersion).

Packaging waste

The heavy metal cadmium, lead, mercury and chromiumVI are not intentionally used in the manufacture of our products. The sum of heavy metals cadmium, lead, mercury and chromiumVI incidentally present is below 100ppm. Therefore, our products comply with the limits set out in Directive 94/62/EC.

PFOS

We confirm that our products are manufactured without the intentional use of perfluorooctane sulfonates. (Directive 2006/122/EC of 12 December 2006)

VOC

The products are in compliance with the Swiss Ordinance on volatile organic compounds (VOC). The VOC content is < 3% by weight.

Active and intelligent materials

The products are manufactured without the use of active and intelligent materials (Regulation EC No 450/2009).

Recycling

The products are manufactured without any recycled plastic materials (Regulation EC No 282/2008).

RoHS

We hereby confirm that our products are manufactured without the intentional use of the following chemical substances:

- Lead
- Mercury
- Cadmium
- Nickel
- Hexavalent chromium
- Polybrominated diphenyl ethers (PBDE)

TSCA

We confirm the listing of all raw materials are within the TSCA inventory.

Allergens

The products are manufactured without the intentional use of substances currently known to be or suspected of being food allergens. Furthermore, they are manufactured without the use of ingredients listed in Annex IIIa of Directive 2007/86/EC and Annex III LMKV.

BSE infection

The products are manufactured without any derivatives of animal origin. There is no scientific reason to assume any risk of BSE transfer through them.

Other absent substances

Furthermore, we confirm that our products are manufactured without the intentional use of the following substances:

- | | |
|---|---|
| - 2,2'-Dimethoxy-2-phenylacetophenone | - Bisphenol F and its derivatives e.g. Bisphenol F diglycidyl ether (BFDGE) |
| - 2,4-Pentadione (synonyme acetylacetone) | - Bisphenol S and its derivatives |
| - Acrylamide | - Brominated fire retardants |
| - Adipates | - Cadmium |
| - Alkylphenol ethoxylates (APEO) | - Chain-and ring-shaped hydrocarbons (MOSH, "mineral oil saturated hydrocarbons") |
| - Ammonium | - chlorinated paraffins |
| - Antimony, Antimony trioxide | - CFC (chlorofluorocarbons) y HCFC (hydrochlorofluorocarbons) |
| - Absorbable organically combined halogens (AOX) | - Cobalt, Cobalt(II)-chloride (CAS 7646-79-9 (anhydrous)) |
| - Aromatic hydrocarbons (MOAH, "mineral oil aromatic hydrocarbons") | - Cyanuric acid (1,3,5-triazin-2,4,6-triol) |
| - Arsenic and arsenic compounds | - Diethylhexyl adipate (DEHA) |
| - Asbestos | - Dimethylfumarate (DMF) |
| - Azo dyes | - Diphenyl-2-ethylhexylphosphate (DPO) |
| - Barium | - Ethyl-4-dimethylaminobenzoate |
| - Boron and boron compounds | - Elastomers or rubber from which n-nitrosamines may be released |
| - Benzene | - Epichlorohydrin |
| - Benzophenone and 4-methylbenzophenone and their derivatives | - Epoxidized soybean oil (ESBO) |
| - Beryllium | - Europium |
| - Bisphenol A and its derivatives e.g. Bisphenol A diglycidyl ether (BADGE) | - Formaldehyde |

- Formamide
- Gadolinium
- Halogens, halogenated compounds
- Isopropylthioxanthone (ITX)
- Lanthanum
- Latex
- Lead and lead compounds
- Lindane
- Lithium
- Magnesium
- Maleic acid-di-(2-ethylhexyl)-ester
- Melamine
- Manganese
- Mercury
- Novolac glycidyl ether (NOGE)
- Nanoparticles and materials (< 100 nm)
- N-Ethyl o-Toluenesulfonamide and N-Ethyl p-Toluenesulfonamide (NETSA)
- Nickel
- Nitrofural / Nitrofurazone
- Nitrosamines
- Nonylphenol, nonylphenol ethoxylate and cement
- organic brominated compounds (pentabromodiphenyl ether, octabromodiphenyl ether...)
- Palm oil
- Parabens
- Pentachlorophenol and its salts and esters
- Perfluoroalkyl and polyfluoroalkyl substances
- Perfluorinated organic compounds & fluorinated surfactants, substances
- Perfluorooctanoic acid (PFOA)
- PBT Substances (Persistent, Bioaccumulating and Toxics) and vPvB (very persistent and very bioaccumulating)
- Phenols & Phenylphenole
- Phosphates, triaryl phosphates
- Phthalates
- Polycyclic aromatic hydrocarbons (PAHs)
- Potassium
- Polybrominated diphenyl ethers (PBDE)
- POSH & PAO
- Primary aromatic amines
- Semicarbazide (SEM)
- Solvents: dichloromethane, dimethylacetamide, dimethylformamide, 2-ethoxy ethanol, nitrobenzene, trichloroethylene trichlorobenzene, trichloromethane, hexachlorobenzene
- Sodium
- Styrene and Polystyrene
- Terbium
- Thiuram
- Titan-acetylacetonate (TAA)
- Toluene
- Tributyltin (TBT)
- Tributyltin oxide (TBTO)
- Tris(4-nonyl-phenyl) phosphite (TNPP)
- Triclosan
- Vinyl chloride monomer (VCM) and its polymers (PVC...)
- Zinc

Specification of the intended use or limitations:

- Type(s) of food intended to come into contact with the material:
 - All aqueous, acidic, and alcoholic Foods and milk products.
- Duration and temperature of treatment and storage while in contact with the food:
 - 2 hours, 70°C tested,
Suitable for any food contact conditions that include hot-fill and/or heating up to a temperature T where $70\text{ °C} \leq T \leq 90\text{ °C}$ for maximum of $t = 120/2^{((T-70)/10)}$ minutes, which are not followed by long-term room temperature or refrigerated storage.
- Ratio of the area of food contact material to the volume used to determine the compliance of the plastic food contact material or article:
 - 1,05 dm² / 110ml symulant
- Storage:
 - Stored dry & cold. Protect against moisture.
 - Storage time: any condition of time at room temperature and below.
 - Lids must be stored in a plastic foil bag to protect them from contamination, away from heat-emitting appliances (for example not on top of coffee machine or close to any type of heater), in a dry room protected from the weather and direct sunlight at a temperature of 5 to 35°C and a maximum humidity of 70%. Optimum use-by date 1 year from date of manufacture.

Traceability of the product is ensured according to Regulation (EC) No 1935/2004 via the number of the production lot and the date of production displayed in the production carton.

Description of EC regulations

Regulation	Description
Regulation (EC) No 1935/2004 — materials and articles intended to come into contact with food	It lays down common rules for packaging materials and articles such as bottles and containers, which come, or may come, into contact with food, either directly or indirectly.
Regulation (EC) No 31/2005 - Ceramic objects in contact with foodstuffs	<p>Ceramic objects used to contain foodstuffs may transfer lead and cadmium to these foodstuffs. These two metals are toxic and can constitute a risk to human health.</p> <p>The Directive lays down maximum limits for the cadmium and lead transferred by ceramic objects to the foodstuffs with which they enter into contact.</p>
Regulation (EC) No 1895/2005 - restriction of use of certain epoxy derivatives in materials and articles intended to come into contact with food	It lays down specific migration limits for 2,2-bis(4-hydroxyphenyl)propane bis(2,3-epoxypropyl) ether ('BADGE' i.e. Bisphenol-A DiGlycidyl Ether), bis(hydroxyphenyl)methane bis(2,3-epoxypropyl)ethers ('BFDGE' i.e. Bisphenol-F DiGlycidyl Ether) and novolac glycidyl ethers (NOGE) and some of their derivatives.
Regulation (EC) No 2023/2006 - good manufacturing practice for materials and articles intended to come into contact with food	It lays down rules on good manufacturing practice (GMP) for materials and articles that come into contact with food.
Regulation (EC) No 282/2008 - recycled plastic materials and articles intended to come into contact with foods and amending Regulation (EC) No 2023/2006	Recycled plastic materials and articles shall only be placed on the market if they contain recycled plastic obtained only from a recycling process, authorized in accordance with this Regulation.
Regulation (EC) No 10/2011 - plastic materials and articles intended to come into contact with food	<p>Plastic materials and articles that come into contact with food may transfer toxic substances to them and may be a risk to human health.</p> <p>The regulation introduces migration limits for substances used in such packaging and lays down conditions for their use to ensure food safety.</p> <p>It sets out the requirements for the manufacture and marketing of plastic materials and articles intended to come into contact with food. These requirements supplement the general rules laid down in Regulation (EC) No 1935/2004 on materials and articles used for food packaging.</p>
Regulation (EC) No 284/2011	Laying down specific conditions and detailed procedures for the import of polyamide and melamine plastic kitchenware originating in or consigned from the People's Republic of China and Hong Kong.

Specification for food contact materials

Material description:	Plastic, ceramic and metal that comes in contact with food.	Test	Available documentation
Requirements (UWS):	Max level in the final product	Test	
POLYVINYL CHLORIDE (PVC) POLYVINYLIDENE CHLORIDE (PVDC)	Not allowed	FTIR/Beilstein	
BISPHENOL A	Not allowed (for polycarbonate products)	Solvent Extraction/LC-MS	
CANDIDATE LIST OF SUBSTANCES of very high concern Link: candidate-list-table	Not allowed	-	
MATERIALS:	Declaration of Conformity according to:	-	
PLASTIC	Regulation (EC) No 1935/2004 Regulation (EC) No 1895/2005 Regulation (EC) No 2023/2006 Regulation (EC) No 10/2011 Regulation (EC) No 284/2011	Eu 10/2011 Annex V	
RECYCLED PLASTIC	Regulation (EC) No 1935/2004 Regulation (EC) No 2023/2006 Regulation (EC) No 282/2008 Regulation (EC) No 10/2011	Eu 10/2011 Annex V	
CERAMIC	Regulation (EC) No 1935/2004 Regulation (EC) No 31/2005 Regulation (EC) No 2023/2006	-	
OTHER MATERIALS	Regulation (EC) No 1935/2004 Regulation (EC) No 2023/2006	-	

We confirm that delivered products comply with requirements mentioned above.

The Declaration of Compliance is valid as of the date specified below and it will be replaced only in case of any change in used substances, or when the relevant legislation is modified and updated in such a manner, so that a new evaluation of the Declaration of Compliance is required. The change of product code, description, or photo does not require to issue new DoC.

Prezes Zarządu
WirelessCom Sp. z o.o.
Tomasz Szabeta
Tomasz Szabeta

rainbowcups
WirelessCom Sp. z o.o.
Ul. Rozłogi 14/3, 01-310 Warszawa, Poland
NIP/VAT EU: PL5222831655
tel.: 00 48 665 400 809
e-mail: info@rainbowcups.eu

Signature _____ 20 January 2023
Company: WirelessCom sp. z o.o. (rainbowcups), 01-310 Warsaw, Poland

Food datasheet

Declaration of compliance for EU-regulation 1935/2004/EU

Article	CPLA hot cup lid
Declaration of compliance	By declaration of conformity the manufacturer has guaranteed that the raw materials used for mentioned products are always of the same kind. Furthermore, the manufacturer guarantees that changes in raw materials and production methods will be informed to rainbowcups (WirelessCom sp. z o.o.) in due time before these changes come into force to enable the necessary tests according to 1935/2004/EU and 10/2011/EU to be carried out.
Overall migration tests	Total overall migration test is conducted according to 10/2011/EU, EN 1186-1:2002, EN 1186-9:2002 or EN 1186-14:2002. Test conditions: 1 hour at +100°C and fatty foodstuff 3 hour at +60°C. Test Simulants: Acetic acid 3%, ethanol 50%, ethanol 95%, Isooctane. The products comply with migration limit for 60 mg/kg/10 mg/dm ² .
Specific migration tests	The specific migration test have been conducted according to the current legislation. The products comply with the current legislation.
Heavy Metal	The product do not contain lead, cadmium, chrome or mercury in amounts that exceed 100 ppm. Tested according with 94/62/EF.
Dual use additives	The products do not contain Dual use additives
Traceability	The products are labelled to enable a quick sorting and withdrawal. The traceability is adjusted to each product within raw materials, inner and outer packaging.
Migration test for surface and volume area	6 dm ²
Good manufacturing practice (GMP)	The production facilities for the above-mentioned products comply with the regulations for good manufacturing practice (GMP) directive 2023/2006/EU.
Conclusion	<p>We guarantee with this statement that the above-mentioned products comply with the Danish declaration no. 822 and the EU regulations 1935/2004/EU, 10/2011/EU and 2023/2006/EU, provided that the product are recommend for use as intended:</p> <p>- for all food at temperatures up to +100°C in 1 hour, except from fatty food at temperatures up to +60°C in 3 hour.</p>

CERTIFICATE OF ANALYSIS

CERTIFICATE No : **2021-3524E / 21 266 080E**

DATE OF 1st ISSUE : **12/10/2021**

SAMPLE DETAILS				
SAMPLING DATE	23/9/2021	SAMPLING CONDUCTED BY	CLIENT	
DATE OF RECEIPT	23/9/2021	LOT		
SAMPLE CONDITION	NORMAL	PRODUCTION DATE		
START/END OF ANALYSIS	24/9/2021 - 29/9/2021	BEST BEFORE		
SAMPLE CODE	21 266 080E			
SAMPLE DESCRIPTION	COMPOSTABLE AND BIODEGRADABLE LIDS			
ANALYSIS RESULTS				
PARAMETER	UoM	RESULT	LIMIT	METHOD
Overall Migration Acetic acid 3%	mg/dm2	<1.0	<10.0	In House Method E_XM031 based on ELOT EN 1186-3:2002
<i>Measurement 1</i>	mg/dm2	<1.0		
<i>Measurement 2</i>	mg/dm2	<1.0		
<i>Measurement 3</i>	mg/dm2	<1.0		
Overall Migration ethanol 50%	mg/dm2	5.6	<10.0	In House Method E_XM031 based on ELOT EN 1186-3:2002
<i>Measurement 1</i>	mg/dm2	5.0		
<i>Measurement 2</i>	mg/dm2	6.5		
<i>Measurement 3</i>	mg/dm2	5.0		

CERTIFICATE OF ANALYSIS

CERTIFICATE No : **2021-3524E / 21 266 080E**

ISSUE No : **0**

DATE OF 1st ISSUE : **12/10/2021**

DATE OF REISSUE : **12/10/2021**

(continuing from previous page)

Declaration of Conformity: Sample is **within** limits according to EU Regulation 10/2011 (as amended 23.09.2020) for plastic materials that will come in contact with all aqueous and alcoholic foods and milk products with a pH < 4.5, that include hot-fill and/or heating up to a temperature T where $70\text{ }^{\circ}\text{C} \leq T \leq 100\text{ }^{\circ}\text{C}$ for maximum of $t = 120/2^{((T-70)/10)}$ minutes, which are not followed by long term room temperature or refrigerated storage.

Simulants used: B (Acetic acid 3 % (w/v)) and D1 (Ethanol 50 % (v/v))

Contact conditions: 2 hours at 70 °C

Decision Rule: If the measured result x is compared with a unique declared value L, this is considered to be 95% confidence level, when $x - 2u < L < x + 2u$ where u is the standard uncertainty (or tolerance).

(Opinion refers only to the above tested parameters)



Testing
Certificate No 195

Responsible of the Laboratory

Apostolos Enotiadis, Materials Engineer, PhD

END OF CERTIFICATE



CERTIFICATE FOR AWARDING AND USE OF THE 'OK COMPOST INDUSTRIAL' CONFORMITY MARK

(Cancels and replaces the certificate dated 05 March 2019)
Issued by TÜV AUSTRIA CERT GMBH

Product(s):

Domain	Industrially Compostable Products
Group	Components & constituents
Family	Packaging – Miscellaneous components
Type	Lid

Description / Particularities

- Flat lid, D=62, 80 and 90 mm
- Maximum nominal thickness : 340 µm
- Color: natural or black, unprinted

Criteria:

- Test Program with reference OK 1 edition E
Including EN 13432 (09-2000) : « Packaging - Requirements for
packaging recoverable through composting and biodegradation – Test
scheme and evaluation criteria for the final acceptance of packaging »

Validity:

From 16 December 2020 till 05 March 2024

**Conclusions of the
examination:**

The products comply with the above mentioned certification criteria, as
confirmed by the report no 65001218/ 2020-AG-0931p.

Applicable certification system:

Type examination followed by supervision through verification tests on
samples from the distributor's stocks or of the market.
The conformity of the product is guaranteed by the procedures for awarding
and use of the 'OK compost INDUSTRIAL' conformity mark. This only
applies for specimen bearing the 'OK compost INDUSTRIAL' mark.


Brussels, 16 December 2020

For the Certification Committee
Ph. DEWOLFS
President of the Committee

Annex : /

FM-LTC-TABE-CERT-BIO-OKI-003_certificate_EN
Rev 1902

Declaration of Conformity (DoC)

Product code (example)	Description (example)	Photo (example)
S14ECO-WOOD S17ECO-WOOD S18ECO-WOOD	Wooden stirrers	

Materials: birch wood

Above mentioned products fulfil the requirements of the following legal requirements:

Framework Regulation (EC) 1935/2004;

Commission Regulation (EC) No 2023/2006 (Good Manufacturing Practice) with amendment Commission Regulation 282/2008 amended up to Commission Regulation (EU) 2015/1906 of 22 October 2015;

Plastic materials: Commission Regulation (EU) No 10/2011 with all amendments up to Commission Regulation (EU) 2017/752 of 28 April 2017;

EC directive 94/62, concerning heavy metals. The sum of concentration of the heavy metals: Cr(VI), Hg, Cd, and Pb does not exceed 100 ppm;

Article 5 of the European Regulation 1895/2005 concerning epoxy derivatives, the above mentioned packaging does not contain epoxy derivatives;

Polish Parliamentary Act of 25 August 2006 with amendments (latest: Dz.U. of 2010, Nr.136. poz.914) with executive regulations.

Comply with Regulations (EC) No 1935/2004, 2023/2006, (EU) No 10/2011 including all amendments in their currently valid versions.

Comply with directive 2011/65/EU, as well as the Swiss Ordinance on VOC (volatile organic compounds).

Comply with EN 13432:2000-12 standard and ASTM D 6400:2012-01 using only certified & tested raw materials as follows:

Criteria: AVI Test Program with reference OK 1 edition E. Including EN 13432: «Packaging - Requirements for packaging recoverable through composting and biodegradation – Test scheme and evaluation criteria for the final acceptance of packaging».

Packaging waste

The heavy metal cadmium, lead, mercury and chromiumVI are not intentionally used in the manufacture of our products. The sum of heavy metals cadmium, lead, mercury and chromiumVI incidentally present is below 100ppm. Therefore, our products comply with the limits set out in Directive 94/62/EC.

Hiermit erklären wir, dass unser Produkt
We hereby confirm that the product

den gesetzlichen Vorschriften der Verordnung (EU) Nr. 1935/2004 in der zum Zeitpunkt der Erstellung dieser Erklärung gültigen Fassung, entspricht.
complies with the legal regulations of Regulation (EC) no. 1935/2004 in their relevant version.

Weiterhin entspricht der Artikel
Furthermore the article complies to

§§ 30 und 31 Lebensmittel- und Futtermittelgesetzbuch (LFGB)
§§ 30 and 31 German Food and Feed Code (LFGB)

Verordnung (EG) Nr. 2023/2006 über gute Herstellungspraxis für Materialien und Gegenstände, die dazu bestimmt sind, mit Lebensmitteln in Berührung zu kommen.
Commission Regulation (EC) No 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food.

Spezifikationen zum vorgesehenen Verwendungszweck oder Einschränkungen:
Specifications of the intended use or limitation:

- Arten von Lebensmitteln, die mit dem Material in Berührung kommen sollen:
Types of food intended to come into contact with the material:

	Ja <i>Yes</i>	Nein <i>No</i>
Fettig <i>fatty</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Trocken <i>dry</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Feucht <i>moist</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- Dauer und Temperatur der Behandlung und Lagerung bei Kontakt mit dem Lebensmittel:
Duration and temperature of treatment and storage while in contact with food:

Maximaltemperatur: 120 °C
Maximum temperature: 120 °C

Diese Bestätigung gilt für das von uns gelieferte Produkt und dessen Verwendung wie beschrieben. Die Konformitätsprüfung wurde nach den o.g. Regeln durchgeführt; danach erfüllt das Produkt bei Beachtung der angegebenen Lebensmittelkontaktbedingungen die rechtlichen Vorgaben der angegebenen Füllgüter. Von der über die Vorgaben der Richtlinien hinausgehenden Eignung der Produkte für das vorgesehene Füllgut, hat sich der Verwender selbst zu überzeugen.

This confirmation is valid for the product as described and delivered by us. The verification of compliance was performed based on the above rules. According to this the product complies to the legal requirements subject to adherence to the stated conditions for the contact with food. In case of deviations from the intended use, the user is responsible for verifying compliance and suitability.

Description of EC regulations

Regulation	Description
Regulation (EC) No 1935/2004 — materials and articles intended to come into contact with food	It lays down common rules for packaging materials and articles such as bottles and containers, which come, or may come, into contact with food, either directly or indirectly.
Regulation (EC) No 31/2005 - Ceramic objects in contact with foodstuffs	<p>Ceramic objects used to contain foodstuffs may transfer lead and cadmium to these foodstuffs. These two metals are toxic and can constitute a risk to human health.</p> <p>The Directive lays down maximum limits for the cadmium and lead transferred by ceramic objects to the foodstuffs with which they enter into contact.</p>
Regulation (EC) No 1895/2005 - restriction of use of certain epoxy derivatives in materials and articles intended to come into contact with food	It lays down specific migration limits for 2,2-bis(4-hydroxyphenyl)propane bis(2,3-epoxypropyl) ether ('BADGE' i.e. Bisphenol-A DiGlycidyl Ether), bis(hydroxyphenyl)methane bis(2,3-epoxypropyl)ethers ('BFDGE' i.e. Bisphenol-F DiGlycidyl Ether) and novolac glycidyl ethers (NOGE) and some of their derivatives.
Regulation (EC) No 2023/2006 - good manufacturing practice for materials and articles intended to come into contact with food	It lays down rules on good manufacturing practice (GMP) for materials and articles that come into contact with food.
Regulation (EC) No 282/2008 - recycled plastic materials and articles intended to come into contact with foods and amending Regulation (EC) No 2023/2006	Recycled plastic materials and articles shall only be placed on the market if they contain recycled plastic obtained only from a recycling process, authorized in accordance with this Regulation.
Regulation (EC) No 10/2011 - plastic materials and articles intended to come into contact with food	<p>Plastic materials and articles that come into contact with food may transfer toxic substances to them and may be a risk to human health.</p> <p>The regulation introduces migration limits for substances used in such packaging and lays down conditions for their use to ensure food safety.</p> <p>It sets out the requirements for the manufacture and marketing of plastic materials and articles intended to come into contact with food. These requirements supplement the general rules laid down in Regulation (EC) No 1935/2004 on materials and articles used for food packaging.</p>
Regulation (EC) No 284/2011	Laying down specific conditions and detailed procedures for the import of polyamide and melamine plastic kitchenware originating in or consigned from the People's Republic of China and Hong Kong.

Rainbowcups specification for food contact materials

Material description:	Plastic, ceramic and metal that comes in contact with food.	Test	Available documentation
Requirements (UWS):	Max level in the final product	Test	
POLYVINYL CHLORIDE (PVC) POLYVINYLIDENE CHLORIDE (PVDC)	Not allowed	FTIR/Beilstein	
BISPHENOL A	Not allowed (for polycarbonate products)	Solvent Extraction/LC-MS	
CANDIDATE LIST OF SUBSTANCES of very high concern Link: candidate-list-table	Not allowed	-	
MATERIALS:	Declaration of Conformity according to:	-	
PLASTIC	Regulation (EC) No 1935/2004 Regulation (EC) No 1895/2005 Regulation (EC) No 2023/2006 Regulation (EC) No 10/2011 Regulation (EC) No 284/2011	Eu 10/2011 Annex V	
RECYCLED PLASTIC	Regulation (EC) No 1935/2004 Regulation (EC) No 2023/2006 Regulation (EC) No 282/2008 Regulation (EC) No 10/2011	Eu 10/2011 Annex V	
CERAMIC	Regulation (EC) No 1935/2004 Regulation (EC) No 31/2005 Regulation (EC) No 2023/2006	-	
OTHER MATERIALS	Regulation (EC) No 1935/2004 Regulation (EC) No 2023/2006	-	

We confirm that delivered products comply with requirements mentioned above.

The Declaration of Compliance is valid as of the date specified below and it will be replaced only in case of any change in used substances, or when the relevant legislation is modified and updated in such a manner, so that a new evaluation of the Declaration of Compliance is required. The change of product code, description, or photo does not require to issue new DoC.

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WirelessCom Sp. z o.o.
Ul. Rozłogi 14/3, 01-310 Warszawa, Poland
NIP/VAT EU: PL5222831655
tel.: 00 48 665 400 809
e-mail: info@rainbowcups.eu


Date: 20 January 2023

Signature:

Company:

WirelessCom sp. z o.o. (rainbowcups), 01-310 Warsaw, Poland

Declaration of Conformity (DoC)

Product codes (example)	Description (example)	Photo (example)
KPI-200PET KPI-300PET KPI-400PET KPI-500PET KPP-200PET KPP-300PET KPP-400PET KPP-500PET	PET plastic cups	

Materials: PET granules (Polyethylene terephthalate)

We declare that above listed products are comply with the provisions regarding the products and materials intended to come in contact with food in terms of:

Compliance with the EU legislation:

European Regulation No 1935/2004/CE - Regulation on materials and articles intended to come in contact with food and repealing Directives 80/590/EEC and 89/109/EEC

European Directive No 2032/2006/EC - Regulation on good manufacturing practice for materials and articles intended to come into contact with food, with amending regulations,

European Regulation No 10/2011/EU – inclusive its amendments and requirements of Article 13(2), (3) and (4) or Article 14(2) and (3) of this Regulation together with amending regulations,

Commission Regulation No 1895/2005/EC - Regulation on the restriction of use of certain epoxy derivatives in materials and articles intended to come into contact with food

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste, as amended

Compliance with National Legislation:

Act of 25 August 2006 on the safety of food and nutrition (Journal of Laws of 2022 pos. 2132, with amended regulations)

Commission Regulation (EU) 2022/1616 of September 15, 2022 on recycled plastic materials and articles intended to come into contact with food and repealing Regulation (EC) No. 282/2008.

Polish Parliamentary Act of 25 August 2006 with amendments (latest: Dz.U. of 2010, Nr.136. poz.914) with executive regulations.

Monomers and substances in our products are listed in the lists of substances whose use is permitted according to the 10/2011/EU.

Based on the declaration of raw material producers, we declare compliance with the Regulation of the European Parliament and Council Regulation (EC) No. 1272/2008 of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended), Regulation (EC) No. 1907 / 2006 of the European Parliament and of the Council of December 18, 2006. on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) (as amended), complies with the requirements of the European Resolution AP (89)1 on the use of colorants in plastic articles coming into contact with food.

In accordance with the provisions of Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and products intended to come into contact with food, the level of global migration does not exceed 10 mg / dm² for food simulants:

- 50% ethanol (1 day at a temperature of 400C) < 0,5 mg /dm²
- 3% acetic acid (1 day at a temperature of 400C) < 0,5 mg /dm²

Sensory analysis - assessment of smell and taste:

- water (10 day at a temperature of 400C) - Smell -0 -Taste – 0*

*explanation: 0 – undetectable; 1 – barely perceptible; 2 –weak ; 3 – marked ; 4 – strong

Calculations were carried out assuming 1kg of food coming into contact with 6 dm² of product.

Based on the declarations of producers of raw materials, we inform that the above product contains certain substances and additives, which are assigned specific migration limits (SML).

Monomer/ Additive	Dual use	Nr Ref	CAS number	SML[mg/kg]:
Terephthalic acid	NO	24910	100-21-0	7,5
Isophthalic acid	NO	19150	121-91-5	5
Ethylene glycol & diethylene glycol	YES (dual use)	16990 & 15760	107-21-1 & 111-46-6	30 (T)
Antimony trioxide	YES (dual use)	35760	1309-64-4	0,04

The total content of heavy metals does not exceed 100 ppm in accordance with:

- European Parliament and Council Directive 94/62/EC
- Act of 13 June 2013 on the management of packaging and packaging waste (Journal of Laws of 2013, pos. 160)
- Regulation of the Minister of the Environment of 21 January 2015 on how to determine the total content of lead, cadmium, mercury and hexavalent chromium (Journal of Laws of 2015, item. 170)

Products covered by the declaration are intended for contact with non-alcoholic and alcoholic beverages with an alcohol content not exceeding 6% by volume, including: pure drinks, juices and nectars as well as beer, sauces, dips, dressings.

Storage conditions:

Storage in indoor warehouse, free from dust, dry, ventilated at ambient temperature. oThe cups must be stored in a plastic foil bag to protect them from contamination, away from heat-emitting appliances (for example not on top of coffee machine or close to any type of heater), in a dry room protected from the weather and direct sunlight at a temperature of 5 to 35°C and a maximum humidity of 70%.

Processing time and temperature:

- period of less than 15 minutes between 30°C and 40°C

Restrictions in use:

- goods are not intended for cooking and sterilization,
- goods cannot be used as a toy,
- goods cannot be eaten,
- goods are not intended to be heated in microwave and oven.

In accordance with section B of the Annex to Regulation (EC) No 2023/2006 and the Act of 25 August 2006. on food and nutrition safety (Journal of Laws of 2006 No. 136, item 914) we have established and implemented an effective and documented quality assurance system including GMP and GHP principles, also has ISO 9001: 2015, ISO 14001:2015 and BRC PMv.6 systems. We also ensure that the delivered products do not contain in its composition:

- epoxy derivatives (Regulation (EC) Nr.1895/2005),
- hazardous substances and mixtures marked in the Regulation of the European Parliament and of the Council (EC) No 1272/2008 of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548 / EEC and 1999 / 45 / EC and amending Regulation (EC) No 1907/2006.

Description of EC regulations

Regulation	Description
Regulation (EC) No 1935/2004 — materials and articles intended to come into contact with food	It lays down common rules for packaging materials and articles such as bottles and containers, which come, or may come, into contact with food, either directly or indirectly.
Regulation (EC) No 31/2005 - Ceramic objects in contact with foodstuffs	<p>Ceramic objects used to contain foodstuffs may transfer lead and cadmium to these foodstuffs. These two metals are toxic and can constitute a risk to human health.</p> <p>The Directive lays down maximum limits for the cadmium and lead transferred by ceramic objects to the foodstuffs with which they enter into contact.</p>
Regulation (EC) No 1895/2005 - restriction of use of certain epoxy derivatives in materials and articles intended to come into contact with food	It lays down specific migration limits for 2,2-bis(4-hydroxyphenyl)propane bis(2,3-epoxypropyl) ether ('BADGE' i.e. Bisphenol-A DiGlycidyl Ether), bis(hydroxyphenyl)methane bis(2,3-epoxypropyl)ethers ('BFDGE' i.e. Bisphenol-F DiGlycidyl Ether) and novolac glycidyl ethers (NOGE) and some of their derivatives.
Regulation (EC) No 2023/2006 - good manufacturing practice for materials and articles intended to come into contact with food	It lays down rules on good manufacturing practice (GMP) for materials and articles that come into contact with food.
Regulation (EC) No 282/2008 - recycled plastic materials and articles intended to come into contact with foods and amending Regulation (EC) No 2023/2006	Recycled plastic materials and articles shall only be placed on the market if they contain recycled plastic obtained only from a recycling process, authorized in accordance with this Regulation.
Regulation (EC) No 10/2011 - plastic materials and articles intended to come into contact with food	<p>Plastic materials and articles that come into contact with food may transfer toxic substances to them and may be a risk to human health.</p> <p>The regulation introduces migration limits for substances used in such packaging and lays down conditions for their use to ensure food safety.</p> <p>It sets out the requirements for the manufacture and marketing of plastic materials and articles intended to come into contact with food. These requirements supplement the general rules laid down in Regulation (EC) No 1935/2004 on materials and articles used for food packaging.</p>
Regulation (EC) No 284/2011	Laying down specific conditions and detailed procedures for the import of polyamide and melamine plastic kitchenware originating in or consigned from the People's Republic of China and Hong Kong.

Rainbowcups specification for food contact materials

Material description:	Plastic, ceramic and metal that comes in contact with food.	Test	Available documentation
Requirements (UWS):	Max level in the final product	Test	
POLYVINYL CHLORIDE (PVC) POLYVINYLIDENE CHLORIDE (PVDC)	Not allowed	FTIR/Beilstein	
BISPHENOL A	Not allowed (for polycarbonate products)	Solvent Extraction/LC-MS	
CANDIDATE LIST OF SUBSTANCES of very high concern Link: candidate-list-table	Not allowed	-	
MATERIALS:	Declaration of Conformity according to:	-	
PLASTIC	Regulation (EC) No 1935/2004 Regulation (EC) No 1895/2005 Regulation (EC) No 2023/2006 Regulation (EC) No 10/2011 Regulation (EC) No 284/2011	Eu 10/2011 Annex V	
RECYCLED PLASTIC	Regulation (EC) No 1935/2004 Regulation (EC) No 2023/2006 Regulation (EC) No 282/2008 Regulation (EC) No 10/2011	Eu 10/2011 Annex V	
CERAMIC	Regulation (EC) No 1935/2004 Regulation (EC) No 31/2005 Regulation (EC) No 2023/2006	-	
OTHER MATERIALS	Regulation (EC) No 1935/2004 Regulation (EC) No 2023/2006	-	

We confirm that delivered products comply with requirements mentioned above.

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Date:

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Prezes Zarządu
WirelessCom Sp. z o.o.
Tomasz Szebesta
Tomasz Szebesta


rainbow cups
branded paper cups
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20 January 2023

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Declaration of Conformity (DoC)

Product codes (example)	Description (example)	Photo (example)
L78-PET-TR L95-PET-TR	PET lids	

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CERAMIC	Regulation (EC) No 1935/2004 Regulation (EC) No 31/2005 Regulation (EC) No 2023/2006	-	
OTHER MATERIALS	Regulation (EC) No 1935/2004 Regulation (EC) No 2023/2006	-	

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20 January 2023

Company:

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Declaration of Conformity (DoC)

Product codes (example)		Description (example)	Photo (example)
CBI-SA-E1 CBI-SA-F1 CBI-SA-E2 CBI-SA-F2 CBI-SA-F3 CBI-SA-F4 CTI-SA-E1 CTI-SA-F1 CTI-SA-E2 CTI-SA-F2 CTI-SA-F3 CTI-SA-F4	CBI-PA-F1 CBI-PA-F2 CBI-PA-F3 CBI-PA-F4 CTI-PA-F1 CTI-PA-F2 CTI-PA-F3 CTI-PA-F4	Portioned sugars (white / brown)	

Packaging materials: PE coated paper made from virgin fibres

Above mentioned products fulfil the requirements of the following legal requirements:

Framework Regulation (EC) 1935/2004;

Commission Regulation (EC) No 2023/2006 (Good Manufacturing Practice) with amendment Commission Regulation 282/2008 amended up to Commission Regulation (EU) 2015/1906 of 22 October 2015;

Plastic materials: Commission Regulation (EU) No 10/2011 with all amendments up to Commission Regulation (EU) 2017/752 of 28 April 2017;

EC directive 94/62, concerning heavy metals. The sum of concentration of the heavy metals: Cr(VI), Hg, Cd, and Pb does not exceed 100 ppm;

Article 5 of the European Regulation 1895/2005 concerning epoxy derivatives, the above mentioned packaging does not contain epoxy derivatives;

Polish Parliamentary Act of 25 August 2006 with amendments (latest: Dz.U. of 2010, Nr.136. poz.914) with executive regulations.

BfR Recommendation XXXVI Paper and board for food contact.

BfR Recommendation III Polyethylene

CHARACTERISTICS OF THE PACKAGING	
Composition	PAP MG 40g/m ² + LDPE 10g/m ²
Application	Material intended for food contact
Compatibility	Compliance with 1935/2004, (EU) 10/2011, No. 2023/2006

Paper:

In order to achieve high chemical and microbiological purity, virgin fibres were used for the production of paperboard. The pulp and paper production process follows an established technology using widely recognised chemicals.

The paper complies with the requirements in BfR Recommendation XXXVI, paper and board. Analyses were carried out on represented paper samples.

Heavy metals:

Cadmium (Cd), <0.1 mg/ kg

Mercury (Hg) <0.1 mg/ kg

Lead (Pb) <1.0 mg / kg

Chromium (Cr) <1.0 mg / kg

Chromium-VI not detectable

Formaldehyde: The analysis was performed in accordance with EN 1541. Formaldehyde <1mg/ dm²

Pentachlorophenol (PCP): Analysis was performed according to EN ISO 15320. PCP <0.15 mg/ kg

Fluorescent bleaching agents: Analysed in accordance with EN 648. no transfer (score 5), for each of the test fluids.

Dyes: Analysis was performed according to EN 646. No carry-over (score 5), for each of the test fluids.

Antimicrobial components: No migration, these components are not added to the paper.

Plastic layer

All substances used as raw materials for the plastic layer are listed in the following regulations.

Substances used for the plastic layer comply with the following regulations:

- Regulation (EC) No 1935/2004 on materials and articles intended to come into contact with food;
- Commission Regulation (EC) No 10/2011 on plastic materials and articles intended to come into contact with food and subsequent amending regulations;
- Regulation (EC) No 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food;
- Polyethylene BfR Recommendation III (2010)

The substances used in the plastic coating do not contain any dual use additives.

SML - Specific migration limit

The substances used in the plastic layer do not contain any monomers or additives with a specific migration limit (SML) according to Commission Regulation (EU) 20/2011.

Heavy metals

The plastic layer complies with the Packaging and Packaging Waste Directive 94/62/EC as amended by 2004/12/EC. The sum of lead, cadmium, mercury and hexavalent chromium is less than 100 ppm.

Packaging waste

The heavy metal cadmium, lead, mercury and chromiumVI are not intentionally used in the manufacture of our products. The sum of heavy metals cadmium, lead, mercury and chromiumVI incidentally present is below 100ppm. Therefore, our products comply with the limits set out in Directive 94/62/EC.

PRODUCT SPECIFICATION

NAME OF PRODUCT	WHITE GRANULATED PORTIONED SUGAR
Country of origin	Poland/Czechia
Ingredients	Sucrose
Nutritional values per 100g of product	Energy value - 1,700 kJ / 400kcal, Fat – 0 g, of which saturated fatty acids – 0 g, Carbohydrates - 100 g, of which sugars - 100 g, Fibre - 0 g, Protein – 0 g, Salt – 0 g.
Storage conditions	Store in a dry, ventilated, moisture-free room in the original packaging. Storage temperature should not exceed 30°C and humidity 65 %. Protect from light.
Transport conditions	Vehicles suitable for transporting food, clean, dry, without foreign odours.
Shelf life	Not applicable.
Consumer use	For direct consumption for all consumer groups with the exception of those suffering from intolerance to the product.
ORGANOLEPTIC CHARACTERISTICS	
External appearance	White crystals with a free-flowing consistency.
Colour	White
Taste and smell	Proper, sweet, without any foreign aftertaste or odour.

ALLERGENIC INGREDIENTS IN THE PRODUCT		YES	NO
1. Cereals containing gluten and products thereof			X
2. Crustaceans and products thereof			X
3. Eggs and products thereof			X
4. Fish and products thereof			X
5. Peanuts and products thereof			X
6. Soya beans and products thereof			X
7 Milk and products thereof			X
8. Nuts and products thereof			X
9. Celery and products thereof			X
10. Mustard and products thereof			X
11. Sesame seeds and products thereof			X
12. Sulphur dioxide and sulphites at concentrations of more than 10mg/kg or 10mg/l			X
13. Lupin and products thereof			X
14. Molluscs			X
PHYSICOCHEMICAL CHARACTERISTICS			
Drying losses	0,037%		
Ash	0,0162 %		
Heavy metals	In accordance with the current EU Regulation no. 1881/2006.		
MICROBIOLOGICAL CHARACTERISTICS			
Total bacterial content	Max 2,010 jtk/g		
Yeasts and moulds	Max 1,10 jtk/g		
Coliforms	Max 0,3 MPN/g		
Pathogens	Absent		
Solubility	Well soluble in water.		
GMOs	The product is not genetically modified.		
Compatibility	Directive 2001/111/EC		
FOOD SAFETY CERTIFICATE			
Type	FSSC 22000		

PRODUCT SPECIFICATION

NAME OF PRODUCT	CANE GRANULATED PORTIONED SUGAR
Country of origin	Colombia
Ingredients	Unrefined cane sugar Demerara 2500-3500 ICUMSA
Nutritional values per 100g of product	Energy value - 1,683 kJ / 396 kcal, Fat - 0g, of which saturated fatty acids – 0 g, Carbohydrates – 99,8 g, of which sugars – 99,9 g, Fibre – 0 g, Protein – 0 g, Salt – 0,01 g.
Storage conditions	Store in a dry, ventilated, moisture-free room in the original packaging. Storage temperature should not exceed 30°C and humidity 65 %. Protect from light.
Transport conditions	Vehicles suitable for transporting food, clean, dry, without foreign odours.
Shelf life	Not applicable.
Consumer use	For direct consumption for all consumer groups with the exception of those suffering from intolerance to the product.
ORGANOLEPTIC CHARACTERISTICS	
External appearance	Crystals with a loose consistency.
Colour	Dark brown, typical of the product.
Taste and smell	Proper, sweet, with a hint of caramel, no extraneous aftertastes or aromas.

ALLERGENIC INGREDIENTS IN THE PRODUCT		YES	NO
1. Cereals containing gluten and products thereof			X
2. Crustaceans and products thereof			X
3. Eggs and products thereof			X
4. Fish and products thereof			X
5. Peanuts and products thereof			X
6. Soya beans and products thereof			X
7 Milk and products thereof			X
8. Nuts and products thereof			X
9. Celery and products thereof			X
10. Mustard and products thereof			X
11. Sesame seeds and products thereof			X
12. Sulphur dioxide and sulphites at concentrations of more than 10mg/kg or 10mg/l			X
13. Lupin and products thereof			X
14. Molluscs			X
PHYSICOCHEMICAL CHARACTERISTICS			
Drying losses	0,037%		
Ash	0,015 %		
Heavy metals	In accordance with the current EU Regulation no. 1881/2006.		
MICROBIOLOGICAL CHARACTERISTICS			
Total bacterial content	Max 2,010 jtk/g		
Yeasts and moulds	Max 1,10 jtk/g		
Coliforms	Max 0,3 MPN/g		
Pathogens	Absent		
Solubility	Well soluble in water.		
GMOs	The product is not genetically modified.		
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Regulation (EC) No 31/2005 - Ceramic objects in contact with foodstuffs	<p>Ceramic objects used to contain foodstuffs may transfer lead and cadmium to these foodstuffs. These two metals are toxic and can constitute a risk to human health.</p> <p>The Directive lays down maximum limits for the cadmium and lead transferred by ceramic objects to the foodstuffs with which they enter into contact.</p>
Regulation (EC) No 1895/2005 - restriction of use of certain epoxy derivatives in materials and articles intended to come into contact with food	It lays down specific migration limits for 2,2-bis(4-hydroxyphenyl)propane bis(2,3-epoxypropyl) ether ('BADGE' i.e. Bisphenol-A DiGlycidyl Ether), bis(hydroxyphenyl)methane bis(2,3-epoxypropyl)ethers ('BFDGE' i.e. Bisphenol-F DiGlycidyl Ether) and novolac glycidyl ethers (NOGE) and some of their derivatives.
Regulation (EC) No 2023/2006 - good manufacturing practice for materials and articles intended to come into contact with food	It lays down rules on good manufacturing practice (GMP) for materials and articles that come into contact with food.
Regulation (EC) No 282/2008 - recycled plastic materials and articles intended to come into contact with foods and amending Regulation (EC) No 2023/2006	Recycled plastic materials and articles shall only be placed on the market if they contain recycled plastic obtained only from a recycling process, authorized in accordance with this Regulation.
Regulation (EC) No 10/2011 - plastic materials and articles intended to come into contact with food	<p>Plastic materials and articles that come into contact with food may transfer toxic substances to them and may be a risk to human health.</p> <p>The regulation introduces migration limits for substances used in such packaging and lays down conditions for their use to ensure food safety.</p> <p>It sets out the requirements for the manufacture and marketing of plastic materials and articles intended to come into contact with food. These requirements supplement the general rules laid down in Regulation (EC) No 1935/2004 on materials and articles used for food packaging.</p>
Regulation (EC) No 284/2011	Laying down specific conditions and detailed procedures for the import of polyamide and melamine plastic kitchenware originating in or consigned from the People's Republic of China and Hong Kong.

Specification for food contact materials

Material description:	Plastic, ceramic and metal that comes in contact with food.	Test	Available documentation
Requirements (UWS):	Max level in the final product	Test	
POLYVINYL CHLORIDE (PVC) POLYVINYLIDENE CHLORIDE (PVDC)	Not allowed	FTIR/Beilstein	
BISPHENOL A	Not allowed (for polycarbonate products)	Solvent Extraction/LC-MS	
CANDIDATE LIST OF SUBSTANCES of very high concern Link: candidate-list-table	Not allowed	-	
MATERIALS:	Declaration of Conformity according to:	-	
PLASTIC	Regulation (EC) No 1935/2004 Regulation (EC) No 1895/2005 Regulation (EC) No 2023/2006 Regulation (EC) No 10/2011 Regulation (EC) No 284/2011	Eu 10/2011 Annex V	
RECYCLED PLASTIC	Regulation (EC) No 1935/2004 Regulation (EC) No 2023/2006 Regulation (EC) No 282/2008 Regulation (EC) No 10/2011	Eu 10/2011 Annex V	
CERAMIC	Regulation (EC) No 1935/2004 Regulation (EC) No 31/2005 Regulation (EC) No 2023/2006	-	
OTHER MATERIALS	Regulation (EC) No 1935/2004 Regulation (EC) No 2023/2006	-	

We confirm that delivered products comply with requirements mentioned above.

The Declaration of Compliance is valid as of the date specified below and it will be replaced only in case of any change in used substances, or when the relevant legislation is modified and updated in such a manner, so that a new evaluation of the Declaration of Compliance is required. The change of product code, description, or photo does not require to issue new DoC.

Date:

Signature:

20 January 2023

Przesz Zarządu
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