



Test Report

Report No.: LST20050170EN

Date: May. 08, 2020

Page 1 of 3

Applicant:

Address:

The following samples were submitted and identified by/on behalf of the client as:

Sample Name: KEYRING
Style No.: 6644
Sample Receiving Date: May. 08, 2020
Testing Period: May. 08, 2020 to May. 08, 2020
Test Results: Please Refer To The Following Page(s)

Test Requested and Conclusion(s):

| No. | Test Sample | Standard and Requirement | Conclusion(s) |
|-----|---------------------------------------|---|---------------|
| 1 | Tested materials of submitted samples | Annex XVII items 63 of the REACH - Lead content | PASS |
| 2 | Tested materials of submitted samples | Annex XVII items 23 of the REACH - Cadmium content | PASS |

Signed for and on behalf of LST

Rory / Technical Manager





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Sample Description

| Material No. | Component Description | Location |
|--------------|---|--------------------------------|
| 01 ▲ | Silvery metal+ silvery metal+ silvery metal | Key ring+ connect ring+ hanger |

Photo of sample





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Test Result(s):

Annex XVII items 63 of the REACH - Lead content

Method: With reference to CPSC-CH-E1001-08.3:2012, analyzed by Atomic Absorption Spectroscopy (AAS).

| Material No. | Limit (mg/kg) | Result (mg/kg) | Conclusion |
|--------------|---------------|----------------|------------|
| 01 ▲ | 500 | N.D. | PASS |

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL (Reporting Limit) = 10 mg/kg.
 4. "▲" this data for several samples of mixed test results, the actual data of one or several samples in mixed samples are likely more than the results, please be careful to use this data.

Annex XVII items 23 of the REACH - Cadmium content

Method: With reference to CPSC-CH-E1001-08.3:2012, analyzed by Atomic Absorption Spectroscopy (AAS).

| Material No. | Limit (mg/kg) | Result (mg/kg) | Conclusion |
|--------------|---------------|----------------|------------|
| 01 ▲ | 100 | N.D. | PASS |

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL (Reporting Limit) = 5 mg/kg.
 4. "▲" this data for several samples of mixed test results, the actual data of one or several samples in mixed samples are likely more than the results, please be careful to use this data.

End of Report



Test Report

Report No.: LST20056094EN

Date: May. 16, 2020

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Applicant:

Address:

The following samples were submitted and identified by/on behalf of the client as:

Sample Name: MOUTH COVER
Style No.: 6647/6648
Sample Receiving Date: May. 13, 2020
Testing Period: May. 13, 2020 to May. 16, 2020
Test Results: Please Refer To The Following Page(s)

Test Requested and Conclusion(s):

| No. | Test Sample | Standard and Requirement | Conclusion(s) |
|-----|---------------------------------------|---|---------------|
| 1 | Tested materials of submitted samples | Annex XVII items 43 of the REACH Regulation (EC) No 1907/2006 & amended (EC) No. 552/2009 - Azo colorants and Azo dyes | PASS |
| 2 | Tested materials of submitted samples | Annex XVII items 22 of the REACH Regulation (EC) No 1907/2006 & amended (EC) No. 552/2009 - Pentachlorophenol (PCP) | PASS |
| 3 | Tested materials of submitted samples | Client's requirements on Formaldehyde content | PASS |

Signed for and on behalf of LST

Rory / Technical Manager



Test Report

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Sample Description

| Material No. | Component Description | Location |
|--------------|--|---------------------------------------|
| 01 | Black fabric | Mouth cover |
| 02 | Yellow fabric | Mouth cover |
| 03 | Blue fabric | Mouth cover |
| 04 | Pink fabric | Mouth cover |
| 05 | White fabric | Mouth cover |
| 06▲ | Black fabric+ yellow fabric+ blue fabric | Mouth cover+ mouth cover+ mouth cover |
| 07▲ | Pink fabric+ white fabric | Mouth cover+ mouth cover |

Photo of sample





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Test Result(s):

Annex XVII items 43 of the REACH - Azo colourants and Azo dyes

Method: With reference to BS EN ISO 14362-1:2017 and BS EN ISO 14362-3:2017

Analyzed by Gas Chromatograph-Mass Spectrometry (GC-MS)

| No. | Substances Name | CAS No. | Limit (mg/kg) | Result (mg/kg) | |
|-------------------|--|----------|---------------|----------------|------|
| | | | | 06▲ | 07▲ |
| 1 | biphenyl-4-ylamine/ 4-aminodiphenyl/ xenylamine | 92-67-1 | 30 | N.D. | N.D. |
| 2 | benzidine | 92-87-5 | 30 | N.D. | N.D. |
| 3 | 4-chloro-o-toluidine | 95-69-2 | 30 | N.D. | N.D. |
| 4 | 2-naphthylamine | 91-59-8 | 30 | N.D. | N.D. |
| 5△ | o-aminoazotoluene/ 4-o-tolylazo-o-toluidine/ 4-amino-2', 3-dimethylazobenzene | 97-56-3 | 30 | N.D. | N.D. |
| 6△ | 2-amino-4-nitrotoluene/ 5-nitro-o-toluidine | 99-55-8 | 30 | N.D. | N.D. |
| 7 | 4-chloroaniline | 106-47-8 | 30 | N.D. | N.D. |
| 8 | 4-methoxy-m-phenylenediamine | 615-05-4 | 30 | N.D. | N.D. |
| 9 | 4,4'-methylenedianiline/ ,4'-diaminodiphenylmethane | 101-77-9 | 30 | N.D. | N.D. |
| 10 | 3,3'-dichlorobenzidine/ 3,3'-dichlorobiphenyl-4,4'-ylenediamine | 91-94-1 | 30 | N.D. | N.D. |
| 11 | 3,3'-dimethoxybenzidine/ o-dianisidine | 119-90-4 | 30 | N.D. | N.D. |
| 12 | 3,3'-dimethylbenzidine/ 4,4'-bi-o-toluidine | 119-93-7 | 30 | N.D. | N.D. |
| 13 | 4,4'-methylenedi-o-toluidine | 838-88-0 | 30 | N.D. | N.D. |
| 14 | 6-methoxy-m-toluidine/ p-cresidine | 120-71-8 | 30 | N.D. | N.D. |
| 15 | 4,4'-methylene-bis-(2-chloroaniline)/ 2,2'-dichloro-4,4'-methylene-dianiline | 101-14-4 | 30 | N.D. | N.D. |
| 16 | 4,4'-oxydianiline | 101-80-4 | 30 | N.D. | N.D. |
| 17 | 4,4'-thiodianiline | 139-65-1 | 30 | N.D. | N.D. |
| 18 | o-toluidine/ 2-aminotoluene | 95-53-4 | 30 | N.D. | N.D. |
| 19 | 4-methyl-m-phenylenediamine/ 2,4-toluylendiamine | 95-80-7 | 30 | N.D. | N.D. |
| 20 | 2,4,5-trimethylaniline | 137-17-7 | 30 | N.D. | N.D. |
| 21 | o-anisidine / 2-methoxyaniline | 90-04-0 | 30 | N.D. | N.D. |
| 22◇ | 4-aminoazobenzene | 60-09-3 | 30 | N.D. | N.D. |
| Conclusion | | | | PASS | PASS |

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).

Zhejiang Lisen Testing Technology Co., Ltd.
Address: 5 Floor, Building 13, Yiwu Science & Technology Park,
No. 968 Xuefeng West Road, Yiwu, Zhejiang, China
Tel: 86-579-85573858
E-mail: zj@lisenlab.com
URL: www.lisenlab.com

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3. RL (Reporting Limit) = 5 mg/kg.
4. "△" = The CAS No. 97-56-3 (No.5) and 99-55-8 (No.6) are further reduced to CAS No.95-53-4 (No.18) and 95-80-7(No.19).
5. "◇" = Azo colorants that are able to form 4-aminoazobenzene(No.22), generate under the condition of this method aniline and 1, 4-phenylenediamine, therefore, the method of BS EN ISO 14362-3:2017 was employed to verify the 4-aminoazobenzene.
6. "▲"this data for several samples of mixed test results, the actual data of one or several samples in mixed samples are likely more than the results, please be careful to use this data.

Annex XVII items 22 of the REACH - Pentachlorophenol (PCP)

Method: With reference to ISO 17070:2015, analyzed by Gas Chromatograph-Mass Spectrometry (GC-MS).

| Material No. | Limit (mg/kg) | Result (mg/kg) | Conclusion |
|--------------|---------------|----------------|------------|
| 06▲ | 1000 | N.D. | PASS |
| 07▲ | 1000 | N.D. | PASS |

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (<RL).
 3. RL (Reporting Limit) = 0.1 mg/kg.
 4. "▲"this data for several samples of mixed test results, the actual data of one or several samples in mixed samples are likely more than the results, please be careful to use this data.

Formaldehyde

Method: With reference to ISO 14184-1:2011, analyzed by Ultraviolet visible Spectrometry (UV-Vis).

| Material No. | Client's limit (mg/kg) | Result (mg/kg) | Conclusion |
|--------------|------------------------|----------------|------------|
| 01 | N.D. | N.D. | PASS |
| 02 | N.D. | N.D. | PASS |
| 03 | N.D. | N.D. | PASS |
| 04 | N.D. | N.D. | PASS |
| 05 | N.D. | N.D. | PASS |

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL (Reporting Limit) = 16 mg/kg.

End of Report

DECLARATION OF COMPLIANCE

This Certificate confirms that the below mentioned packaging material was produced in accordance with the legal regulations under state of the art conditions of production following Regulation (EC) No. 2023/2006 on Good Manufacturing Practice.

This document is a Declaration of Compliance within the meaning of Article 16(1) of Regulation (EC) No 1935/2004 for “materials in contact with food”.

1. General Product Information

| | | | |
|-----------------------|--|----------|----|
| Date: | 03.06.2015 | Rev. Nr. | 03 |
| Producer: | | | |
| Customer: | | | |
| Customer Spec. Nr.: | | | |
| Spec. Nr.: | Code 032614 | | |
| Material description: | Paper 50 gr / PX 12 gr / Al 9 my / Extrusion Coating 25 gr | | |

Material description (from the outer to the inner layer):

| Layer: | based on |
|--------------------------------------|--------------------------|
| Paper | Cellulose |
| Px | Low density polyethylene |
| AL | Aluminium |
| Extrusion coating (Layer in contact) | Ionomeric resin |

Type of package/application: Packaging material for cosmetic products.

2. Compliance with General Legislation

The product named on this declaration complies with the applicable requirements of:

- EU “Framework” Regulation (EC) No. 1935/2004
- Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food.
- Regulation (EC) No. 2023/2006 on Good Manufacturing Practice.
- Directive 94/62/EC, Article 11 and US CONEG in respect to the heavy metal content of the sum of lead, cadmium, mercury and hexavalent chromium of < 100ppm.

2.1 Conditions of Use

The product is suitable for

- direct contact with food
- a suitable barrier between this material and the packed food is recommended

DECLARATION OF COMPLIANCE

2.2 Compliance with Overall Migration Limit (OML) of the Food Contact Layers

As laid out in Article 22 and 23 of the EU Regulation Nr. 10/2011 the test conditions for plastic materials and articles of Directive 82/711/EEC as amended remain valid in parallel with Annex V of EU Regulation Nr. 10/2011 during a transition period from 01/01/2013 until 31/12/2015. Article 20 of EU Regulation Nr. 10/2011 replaces the simulants in Directive 85/572/EEC as from 31/12/2012.

The product is in compliance with the OML of 10 mg/dm² following evaluation of relevant samples under following test conditions:

| Simulants | Result | Units | Indic. Value | Limit of quant. |
|------------------------------------|-----------------|--------------------|--------------|-----------------|
| Migration (test conditions) | 10d 40°C | | | |
| 10% ethanol | <1 | mg/dm ² | 10 | LOQ: 1 |
| 3% acetic acid | <1 | mg/dm ² | 10 | LOQ: 1 |
| olive oil | <5 | mg/dm ² | 10 | LOQ: 5 |

LOQ: limit of quantification

For the evaluation an area volume ratio of 6 dm² / 1 kg food was taken into account.

The compliance refers only to migration compliance and not to technical fit-for-use.

3. Legal Compliance of the Layers

3.1 Paper

The paper fulfils the requirements of:

- Industry Guideline for the Compliance of Paper & Board Materials and Articles for Food Contact.
- Council of Europe Resolution AP(2002)1 on Paper and Board Materials and Articles intended to come into contact with foodstuffs.
- FDA Recommendations Title 21 CFR § 176.170 "Components of paper and paperboard in contact with aqueous and fatty foods" and § 176.180 "Components of paper and paperboard in contact with dry food".
- BfR Recommendation XXXVI "Paper and board for food contact".

3.2 PX

This grade complies with the requirements:

- Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food and amendments.
 - FDA regulations Title 21 CFR § 177.1330 and 177.1520
-

DECLARATION OF COMPLIANCE

3.3 AL – Functional barrier

The aluminium foil fulfils the current recommendations and regulations:

- The used rolling oil complies with FDA, 21 CFR § 178.3910
- The chemical composition of our aluminium alloys are in accordance with the UNE EN 602 “Aluminium and aluminium alloys- Wrought products – Chemical composition of semi-products used for manufacturing articles intended to come into contact with food”.
- Aluminium foils > 6µm are regarded as a functional barrier.

3.4 Extrusion coating (Layer in contact)

This ionomer resin fulfils the current recommendations and regulations:

- Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come in contact with food and amendments.
- FDA regulations Title 21 CFR 21 CFR § 177.1330

3.5 Compliance with Specific Restrictions

The used raw materials contain substances that have a restriction according to EU Regulation Nr. 10/2011 as amended.

The restricted substances listed in the following table may be present in the finished product:

| CAS Nr. or PM-Ref Nr. | Substance | Restriction* |
|-----------------------|------------------|-------------------------|
| 79-41-1 | methacrylic acid | SML = 6 mg/kg |
| 1314-13-2 | zinc oxide | SML= 25 mg/kg (as zinc) |

* restrictions can be a specific migration limit (SML), a maximum concentration (QM), a maximum quantity per surface area (QMA), or a ‘no detectable migration’ (ND) requirement at a certain detection limit (DL). Suffix (T) indicates a combined restriction for 2 or more substances.

The above list of restricted substances is complete to the extent that accurate information was received from our raw material suppliers.

The restrictions have been checked by a 3rd party laboratory. They were proved not to be exceeded either by migration testing or by worst case calculation. For the evaluation an area/volume ratio of 6 dm²/1kg food was taken into account

3.6 Dual Use Additives

As required by EU Regulation Nr. 10/2011 the following table identifies substances used as additives in plastics and subject to a restriction in food through an authorisation as food additive or flavouring (e.g. listed in Directive 89/107/EEC, Directive 88/388/EEC....).

DECLARATION OF COMPLIANCE

| E Number | Substance |
|----------|-----------|
| --- | None |

In absence of a Community reference list of these substances or a marking in Regulation Nr. 10/2011/EC this information received from our suppliers can only be considered as preliminary as we cannot exclude that the product may contain residual levels of some other dual use additives as introduced from raw materials for which we are currently not aware of.

4. Disclaimer

This declaration is given in good faith and to the best of our current knowledge. It describes the status of the products specified under General Product Information. The user of the product (or downstream user, if applicable) is responsible for ensuring that the finished package complies with applicable migration limits in the product itself under actual conditions of use.

Furthermore, the packer is responsible for verifying possible interactions of the products or its components with the products (e.g. modification of odour, taste, consistency, migration etc.) which are to be checked prior to use and in function of the end-uses and to ensure the general appropriateness of the packaging material for the intended use.

03/June/2015



Sofía Rodríguez
Quality Technician

FICHA TÉCNICA

| | |
|---|---------------------------|
| COMPLEJO : ESTUC. 1/C 50 GR/PX 12 GR/AL B 9 MY/SURLYN 25 GR COD. : 032614 | |
| | EDICION : 3 |
| | FECHA : 01/03/2004 |
| | HOJA 1 / 1 |

| PROPIEDADES | METODO | UNIDAD | NOMINAL | TOLERANCIA |
|------------------------------------|-------------|-----------|---------|------------|
| CARACTERÍSTICAS GENERALES : | | | | |
| Papel | UNE-EN 536 | g/m2 | 50 | ± 7% |
| Granzas Extrusion | UNE-EN 536 | g/m2 | 12 | ± 10% |
| ALUMINIO | UNE-EN 536 | g/m2 | 24 | ± 8% |
| | | μ | 9 | |
| Granzas Extrusion | UNE-EN 536 | g/m2 | 25 | ± 10% |
| GRAMAJE TOTAL | UNE-EN 536 | g/m2 | 111 | ± 7% |
| CARACTERÍSTICAS MECANICAS : | | | | |
| ADHESION | ASTM F-904 | N/15 MM | 3.50 | MIN: 2.5 |
| ALARG.TRANSV. | ASTM D-882 | % | 6 | MIN: 4 |
| ALARGAM.LONG. | ASTM D-882 | % | 2.50 | MIN: 1.5 |
| RES. SOLDADURA | ASTM F-88 | N/15 MM | 7 | MIN: 6 |
| RES.TRACCION LONG. | ASTM D-882 | N/15 MM | 75 | MIN: 65 |
| RES.TRACCION TRANSV. | ASTM D-882 | N/15 MM | 40 | MIN: 30 |
| CARACTERÍSTICAS FISICAS : | | | | |
| PERMEAB. O2 | ASTM D-3985 | CC/M2.DIA | | MAX: 0.05 |
| PERMEAB. V.A. | ASTM F-1249 | GR/M2.DIA | | MAX: 0.05 |

El material deberá ser almacenado a una temperatura comprendida entre 10°C y 30°C

Antes de ser utilizado en máquina deberá acondicionarse, durante 24 horas, a la temperatura de la sala donde se vaya a procesar

Los datos reflejados en esta ficha, son el resultado de numerosos ensayos realizados en nuestros laboratorios.

Aconsejamos a nuestros clientes, contrastarlos en las condiciones efectivas de utilización del material.

papeles

CERTIFICATION OF COMPOSTABLE MATERIALS

The company:

SPAIN

Hereby certifies that the products:

PAPEL TOALLITA 41 GR.

Of the type:

Raw paper for wet wipe and industrial application

Is:

composition ***100% cellulose*** and ***Compostable material***

Director

1/10/2018