

DECLARATION OF COMPLIANCE

Date:

15/06/2020

Declaration operator:

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Identity of materials and products:

Paper spoons

Confirmation of compliance with legislation and the Food Contact Guide:

The paper spoons comply with the relevant requirements of 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 and repealing Directives 80/590/EEC and 89/109/EEC and the Guide to food contact for compliance of paper and board materials and products, 2019.

Microbiological tests are carried out on paper spoons, total aerobic plate count at 37°C (PNT-M-44 method), Enterobacteria plate count at 37°C (PNT-M-44 method), coagulase positive staphylococcus plate count at 37°C (PNT-M-44 method), mould and yeast count (PNT-M-44 method), Salmonella investigation, spp (PNT-M-115 method). The results are in agreement.

Overall migration tests are carried out on the paper spoons, with the following simulant: vegetable oil (D2), according to UNE EN 1186:2002. Global migration results are obtained below the permitted limits.

Specific migration tests of metals (Hg and Cd) from paper spoons are carried out with ICP-MS, Hg with PNT-M-136 method and Cd with PNT-M-136 method. Specific migration results are obtained below the permitted limits.

Fluoride content test on the paper spoon according to EN 14582 and determination with ion chromatography. No fluorine was detected.

Sensory tests have been carried out on the paper spoon, according to ISO 13302, with 2h water simulant at 70°C. No migration of odour or taste was generated.

Tests have been carried out to determine the transfer of antimicrobial constituents in the paper spoons, according to DIN EN1104:2018, with limits according to ResAP resolution (2002) 1.

Migration tests of optical brighteners in the paper spoon, with reference EN 648:2018 and ResAP resolution (2002) 1 have been carried out on paper and board and food contact articles/Policy Statement concerning Tissue Paper Kitchen Towels and Napkins version 1-22.09.2004. With distilled water, 3% acetic acid, alkaline saline solution, vegetable oil No migration of optical brighteners was detected.

Metal determination tests were carried out on paper - ResAp in the paper spoon, by acc. extraction. According to EN 647, heavy metal determination with ICP-MS. Limits below those allowed are obtained.

Primary aromatic amine determination tests have been carried out according to EN 647:1994 with LC-MS/MS. No primary aromatic amines were detected:

List of primary aromatic amines (Nº CAS)
137-17-7, 615-05-4, 91-59-8, 91-94-1, 101-14-4, 101-77-9, 101-80-4, 139-65-1, 60-09-3, 92-67-1, 95-69-2, 90-04-0, 92-87-5, 106-47-8, 97-56-3, 120-71-8, 119-93-7, 95-80-7, 95-53-4, 119-90-4, 838-88-0, 536-90-3, 108-42-9, 95-54-5, 106-50-3, 108-45-2, 823-40-5, 106-49-0, 108-44-1, 95-68-1, 94-70-2, 120-35-4, 19406-86-1, 106246-33-7, 2835-68-9, 6358-64-1, 156-43-4, 91-76-9, 5372-81-6, 95-51-2, 95-03-4, 88-74-4, 3468-11-9, 121-87-9, 97-52-9, 13725-14-2, 67014-36-2, 81-16-3, 88-44-8, 95-82-9, 636-30-6, 97-02-09, 90-41-5, 99-52-5, 2243-62-1, 87-62-7, 99-55-8, 95-79-4, 62-53-3.

Formaldehyde determination tests are carried out on paper spoons, extraction acc. to EN 647, determination acc. to EN 1541:2001, with reference to Regulation 10 /2011. Results are below the permitted limits.


Pentachlorophenol determination tests are carried out, according to Ref. 64 LFGB B82.02-8:2001, ResAP Resolution (2002)1.No presence of pentachlorophenol was detected.

Microbiological tests are carried out on the cones, as there are no specific legal limits for the product 'Paper Cones', the limits established by the RTS for simple biscuits (Royal Decree 1124/1982) have been taken, as this is the product that is contained in the package; Even though they are repealed by Royal Decree 135/2010, the following are taken as reference: total aerobic counts at 30°C (PNT-M-03 method), investigation of Enterobacteria at 37°C (PNT-M-79 method), investigation of coagulase positive

Staphylococci at 37°C (PNT-M-79 method), plate counts of molds and yeasts (PNT-M-16 method), detection of Salmonella, mobile spp (PNT-M-90 method). The results are compliant.

This paper spoon¹ will come into contact with ice cream, at room temperature up to 8°C.

Signature and stamp:



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¹Copy Valls is not responsible for the use of the product in conditions other than those indicated in this statement.