

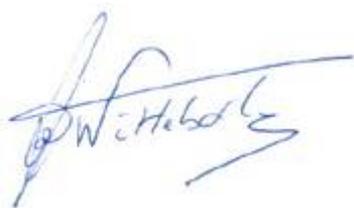
TEST REPORT

N° CFP-17.144

REPORT DATE: 14/11/2017**SUBJECT:** Determination of the overall migration out of printed paper sample.**BY ORDER OF:** **Galoppin Papier**
Leuvensesteenweg 364
3190 Boortmeerbeek
Belgium

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Recognition:



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General Manager



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1. **Printed paper 'Endives' Received samples**

Receiving date of the samples: 24/10/2017

Contact person: Marc Galoppin
E-mail contact person: marc@galoppin.be
info@galoppin.be

Description of the received samples:

Printed paper 'Endives'



The samples were taken and sent by 'Galoppin Papier' to IBE-BVI.

2. **Executed tests**

Testing date: 24/10 - 08/11/2017

Executor: SV

All testings are executed under the Belac accreditation.

Determination of the overall migration

All paper and board materials intended to come into contact with food have to be tested on their overall migration behaviour in accordance with the European Regulation No 1935/2004 and the Belgian Legislation RD 12/05/1992 and amendments.

Regulated by these legislations the overall migration is restricted to 10 mg/dm².

For practical reasons simulant E, which is the only solid simulant, is considered to be the only suitable one for paper and board testing. In conformity with the European Regulation No 10/2011 and amendments, the test conditions presented in table 1 were selected.

Table 1: selected simulants and test conditions for the overall migration test

| Simulant | Contact duration | Contact temperature |
|--|-------------------------|----------------------------|
| Simulant E: Tenax® (Modified PolyPhenylene Oxide) | 10 days | 40°C |

The test method was based on EN 1186-1, EN 1186-13 and EN 14338.

The food contact side of the samples was brought into contact with the simulant using a migration cell. After the contact period, the trapped contaminants were removed from the Tenax® by dissolution in ethanol. The ethanol was evaporated and the residual weights were determined.

3. Results

The results, presented in table 2, are mean values of two measurements and are expressed in mg/dm². The overall migration limit is 10 mg/dm².

Table 2: result for the overall migration analysis

| Sample | Simulant E: Tenax® |
|-------------------------|---------------------------|
| Printed paper 'Endives' | 9,0 |

Additionally, it is confirmed that no changes in sensory properties were observed.

4. Conclusion

The result shows that the overall migration of tested sample is less than the maximum limit of 10 mg/dm² for simulant E (Tenax®) using the given conditions.

Consequently, the delivered tested sample is suitable for long term contact with foodstuffs at room temperature or below.

A certificate of test can be delivered.



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