

Eurofins CPT GmbH · Am Neuländer Gewerbepark 4 · D-21079 Hamburg

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Report date 23.06.2022
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Analytical report AR-22-JR-015605-01



Sample Code 799-2022-00013221

Reference	BLUE 40MU PE FILMPE film
Client sample code	N/A
Purchase order code	POR13443
Lot-no.	13010N/A
Number of received Samples	1
Test plan number	PP_PM-QT-22-094
Ordered by	Mr. John Pielou
Submitted by	Mr. John Pielou
Carrier	Post
Reception date	17.05.2022
Start/end of analyses	17.05.2022 / 23.06.2022

TEST RESULTS

Preparation

JR1CL Migration in 10% Ethanol for overall migration (#)

Method: DIN EN 13130-1:2004-08, PV 00574 2010-07, Preparation

Duration of experiment	10	days
Layer thickness	not applicable	
Migration Type	Pouch	
Result per piece	No	
surface volume ratio	2/100	dm ² /ml
Temperature	40	°C
Variation from test norm	No	

JR0MU Migration in 3% acetic acid for overall migration (#)

Method: DIN EN 13130-2:2004-08, Preparation

Migration Type	Pouch	
Temperature	40	°C
Duration of experiment	10	days
surface volume ratio	2/100	dm ² /ml
Layer thickness	not applicable	
Variation from test norm	No	

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If a conformity statement is made, the expanded measurement uncertainty (k=2) is deducted by default when a limit value is exceeded.

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Register: Amtsgericht Hamburg HRB 103427

General Manager: Dr. Peter Schluessche

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Bank Name: UniCredit Bank AG

BLZ: 207 300 17, Kto.-Nr.: 7000 0016 50

IBAN: DE86 2073 0017 7000 0016 50

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DIN EN ISO/IEC 17025:2018

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JJ057 Migration in olive oil for overall migration (#)

Method: DIN EN 13130-1:2004-08, Preparation

Duration of experiment	10	days
Temperature	40	°C
Migration Type	Immersion	
surface volume ratio	1/50	dm ² /ml
Layer thickness	< 0.5 mm	
Variation from test norm	No	

Overall migration**JR1GN Overall migration in 10% ethanol (#)**

Method: DIN EN 1186-1:2002-07, Gravimetry

Replicate 1	<2	* mg/dm ²
Replicate 2	<2	* mg/dm ²
Replicate 3	<2	* mg/dm ²
Mean	<2	* mg/dm ²
Variation from test norm	No	

JR1GJ Overall migration in 3% acetic acid (#)

Method: DIN EN 1186-1:2002-07, Gravimetry

Replicate 1	<2	* mg/dm ²
Replicate 2	<2	* mg/dm ²
Replicate 3	<2	* mg/dm ²
Mean	<2	* mg/dm ²
Variation from test norm	No	

JR1GP Overall migration in olive oil (#)

Method: DIN EN 1186-1:2002-07, Gravimetry

Replicate 1	3.3	mg/dm ²
Replicate 2	3.0	mg/dm ²
Replicate 3	2.9	mg/dm ²
Mean	3.1	mg/dm ²
Variation from test norm	No	
Polarity	non-polar (PE, PP, PS)	

* = below indicated quantification level

= Eurofins Consumer Product Testing (Hamburg) is accredited for this test.

JUDGEMENT

According to §31 of the German Food and Feed Code (Lebensmittel- und Futtermittelgesetz, LFGB) and the European Framework Regulation (EC) No 1935/2004 food contact materials may not release substances in food or its surface in quantities that could

1. endanger human health and
2. bring about an unacceptable deterioration of the composition or the organoleptic properties (smell, taste) or the appearance of food (e.g. colour).

The overall migration from plastic articles in contact with food may not exceed 10 mg/dm² packaging material according to the European Plastics Regulation (EU) No 10/2011.

- Simulant A - PASS
- Simulant B - PASS
- Simulant D2 - PASS

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In the scope of the analyses performed and under the above-mentioned test conditions, there was no indication for an objection.

Signature



 Analytical Service Manager Quynh Tong

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