

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

Eurofins Turkey Analiz Hizmetleri Ltd. Sti.
Bambu Sokak. No :5
Levent Mah. Karanfil Caddesi.
34330 Istanbul Besiktas
TÜRKEI

ProductTesting-HH@eurofins.com
www.product-testing.eurofins.com

Person in charge Mrs J. Milter
Client support Mrs J. Milter

Report date 29.10.2018
Page 1/3

Analytical report AR-18-JR-025229-01



Sample Code 799-2018-00149220

Reference	Orego
Client sample code	005-12211-0000003812
Purchase order code	201805219
Lot-no.	N/A
Number of received Samples	N/A
Ordered by	11
Submitted by	Eurofins Turkey Analiz Hizmetleri Ltd. Sti.
Carrier	Eurofins Turkey Analiz Hizmetleri Ltd. Sti.
Reception date	TNT
Start/end of analyses	12.10.2018
	12.10.2018 / 27.10.2018

TEST RESULTS

Preparation

JR153 Specific migration in Tenax for 4220

Method: , Preparation

Migration Type	Bspread	
Temperature	70	°C
Duration of experiment	2	Hours
surface volume ratio	1.2/3	dm ² /g
Layer thickness	not applicable	
Variation from Norm	No	

The results of examination refer exclusively to the checked samples.

Duplicates - even in parts - must be authorized by the test laboratory in written form.

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

Place of execution and place of jurisdiction is Hamburg Registered Office: Hamburg - lower district court Hamburg HRB 103427 Commercial

Register: Amtsgericht Hamburg HRB 103427

General Manager: Thomas Herrmann (Dipl.-Ing.)

Our General Terms & Conditions of Sales are applicable - All contracts will be carried out in accordance with our General Terms and Conditions (GTC).

VAT No.: DE 258 239 846

BLZ: 250 500 00, Kto.-Nr.: 199 917 246

IBAN: DE 67 2505 0000 0199 9172 46

SWIFT: NOLA DE 2HXXX

Ust ID Nr: DE 258 239 846

Our General Terms & Conditions, available upon request and online at
<http://www.eurofins.de/lebensmittel/kontakt/avb.aspx>, shall apply.



Durch die Deutsche Akkreditierungsstelle GmbH
akkreditiertes Prüflaboratorium

DIN EN ISO/IEC 17025:2005

Die Akkreditierung gilt für die in der Urkunde
aufgeführten Prüfverfahren

Physical-chemical Analysis
JR08B Specific migration of photoinitiators in Tenax (#)

Method: EN 13130, LC-MS/MS

Migration Type	Bespread	°C
Temperature	70	
Duration of experiment	2	h
BP - Replicate 1	<10	* µg/kg food
BP - Replicate 2	<10	* µg/kg food
BP - Replicate 3	<10	* µg/kg food
BP - Mean value	<10	* µg/kg food
4-Me-BP - Replicate 1	<10	* µg/kg food
4-Me-BP - Replicate 2	<10	* µg/kg food
4-Me-BP - Replicate 3	<10	* µg/kg food
4-Me-BP - Mean Value	<10	* µg/kg food
4-OH-BP - Replicate 1	<10	* µg/kg food
4-OH-BP - Replicate 2	<10	* µg/kg food
4-OH-BP - Replicate 3	<10	* µg/kg food
4-OH-BP - Mean value	<10	* µg/kg food
2-ITX/4-ITX - Replicate 1	<10	* µg/kg food
2-ITX/4-ITX - Replicate 2	<10	* µg/kg food
2-ITX/4-ITX - Replicate 3	<10	* µg/kg food
2-ITX/4-ITX - Mean value	<10	* µg/kg food
4-Ph-BP - Replicate 1	<10	* µg/kg food
4-Ph-BP - Replicate 2	<10	* µg/kg food
4-Ph-BP - Replicate 3	<10	* µg/kg food
4-Ph-BP - Mean value	<10	* µg/kg food
Photocure DEXT - Replicate 1	<10	* µg/kg food
Photocure DEXT - Replicate 2	<10	* µg/kg food
Photocure DEXT - Replicate 3	<10	* µg/kg food
Photocure DEXT - Mean value	<10	* µg/kg food
Irgacure 184 - Replicate 1	<10	* µg/kg food
Irgacure 184 - Replicate 2	<10	* µg/kg food
Irgacure 184 - Replicate 3	<10	* µg/kg food
Irgacure 184 - Mean value	<10	* µg/kg food
Irgacure 651 - Replicate 1	<10	* µg/kg food
Irgacure 651 - Replicate 2	<10	* µg/kg food
Irgacure 651 - Replicate 3	<10	* µg/kg food
Irgacure 651 - Mean value	<10	* µg/kg food
Esacure 1001M - Replicate 1	<10	* µg/kg food
Esacure 1001M - Replicate 2	<10	* µg/kg food
Esacure 1001M - Replicate 3	<10	* µg/kg food
Esacure 1001M - Mean value	<10	* µg/kg food
Esacure One - Replicate 1	<10	* µg/kg food
Esacure One - Replicate 2	<10	* µg/kg food
Esacure One - Replicate 3	<10	* µg/kg food
Esacure One - Mean value	<10	* µg/kg food
Firstcure EDAB - Replicate 1	<10	* µg/kg food
Firstcure EDAB - Replicate 2	<10	* µg/kg food
Firstcure EDAB - Replicate 3	<10	* µg/kg food
Firstcure EDAB - Mean Value	<10	* µg/kg food
Photocure 50 - Replicate 1	<10	* µg/kg food

The results of examination refer exclusively to the checked samples.

Duplicates - even in parts - must be authorized by the test laboratory in written form.

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

Place of execution and place of jurisdiction is Hamburg Registered Office: Hamburg - lower district court Hamburg HRB 103427 Commercial

Register: Amtsgericht Hamburg HRB 103427

General Manager: Thomas Herrmann (Dipl.-Ing.)

Our General Terms & Conditions of Sales are applicable - All contracts will be carried out in accordance with our General Terms and

Conditions (GTC).

VAT No.: DE 258 239 846

BLZ: 250 500 00, Kto.-Nr.: 199 917 246

IBAN: DE 67 2505 0000 0199 9172 46

SWIFT: NOLA DE 2HXXX

Ust ID Nr: DE 258 239 846

Our General Terms & Conditions, available upon request and online at

<http://www.eurofins.de/lebensmittel/kontakt/avb.aspx>, shall apply.Durch die Deutsche Akkreditierungsstelle GmbH
akkreditiertes Prüflaboratorium

DIN EN ISO/IEC 17025:2005

Die Akkreditierung gilt für die in der Urkunde
aufgeführten Prüfverfahren

Photocure 50 - Replicate 2	<10	* µg/kg food
Photocure 50 - Replicate 3	<10	* µg/kg food
Photocure 50 - Mean value	<10	* µg/kg food
Irgacure 2959 - Replicate 1	<10	* µg/kg food
Irgacure 2959 - Replicate 2	<10	* µg/kg food
Irgacure 2959 - Replicate 3	<10	* µg/kg food
Irgacure 2959 - Mean Value	<10	* µg/kg food
Lucirin TPO-L - Replicate 1	<10	* µg/kg food
Lucirin TPO-L - Replicate 2	<10	* µg/kg food
Lucirin TPO-L - Replicate 3	<10	* µg/kg food
Lucirin TPO-L - Mean value	<10	* µg/kg food
MBB - Replicate 1	<10	* µg/kg food
MBB - Replicate 2	<10	* µg/kg food
MBB - Replicate 3	<10	* µg/kg food
MBB - Mean Value	<10	* µg/kg food
Lucirin TPO - Replicate 1	<10	* µg/kg food
Lucirin TPO - Replicate 2	<10	* µg/kg food
Lucirin TPO - Replicate 3	<10	* µg/kg food
Lucirin TPO - Mean Value	<10	* µg/kg food
surface volume ratio	4.1/3	dm ² /g
Layer thickness	not applicable	
Variation from Norm	No	

* = below indicated quantification level

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

Signature 
 Trainee Team Assistant (Jessika Milter)

The results of examination refer exclusively to the checked samples.
 Duplicates - even in parts - must be authorized by the test laboratory in written form.
 Eurofins CPT GmbH - Am Neuländer Gewerbepark 4 - D-21079 Hamburg
 Place of execution and place of jurisdiction is Hamburg Registered Office: Hamburg - lower district court Hamburg HRB 103427 Commercial Register: Amtsgericht Hamburg HRB 103427
 General Manager: Thomas Herrmann (Dipl.-Ing.)
 Our General Terms & Conditions of Sales are applicable - All contracts will be carried out in accordance with our General Terms and Conditions (GTC).
 VAT No.: DE 258 239 846
 BLZ: 250 500 00, Kto.-Nr.: 199 917 246
 IBAN: DE 67 2505 0000 0199 9172 46
 SWIFT: NOLA DE 2HXXX
 Ust ID Nr: DE 258 239 846



Durch die Deutsche Akkreditierungsstelle GmbH akkreditiertes Prüflaboratorium

DIN EN ISO/IEC 17025:2005

Die Akkreditierung gilt für die in der Urkunde aufgeführten Prüfverfahren