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NATIONAL LABORATORY OF HEALTH, ENVIRONMENT AND FOOD

Task report

Testing of materials and articles intended to come into contact with food

Task report 2131b-20/73105-20/68008/1 completely replaces Task report 2131b-20/73105-20/68008, dated 05.10.2020.

Sample description is changed: product code (customer's information) is added.

Evidence code:	2131b-20/73105-20/68008/1
Customer:	AZUREFILM PROIZVODNJA 3D TISKALNIKOV IN FILAMENTOV D.O.O. LAVA 2 A 3000 CELJE
Request:	Order according to offer no.: PO-213b-30/73105-20/35470 , z dne 21.07.2020
Contractor:	Department for Environment and Health Maribor Department for Chemical Analysis of Food, Water and Other Environmental Samples Maribor
Head of task:	Andreja Zorič, univ. dipl. kem.
Sample caretaker:	Andreja Zorič, univ. dipl. kem.
Maribor,	16.10.2020

Head of task:

Andreja Zorič, univ. dipl. kem.

Electronically signed Andreja Zorič, univ. dipl. kem. at 16.10.2020 10:24:46

Department for Environment and Health Maribor
Head of branch:

mag. Emil Žerjal, univ. dipl. inž. kem. tehnol.

The time of the certified signature of deputy and information about the certificate are shown at the top of the first page of the document.

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Sample information

Sample:	PETG cups intended to come into contact with food
Sample number:	20/68008
Purpose:	Analysis on owner request
Customer:	AZUREFILM PROIZVODNJA 3D TISKALNIKOV IN FILAMENTOV D.O.O., LAVA 2 A, 3000 CELJE
Sample taken by:	AZUREFILM PROIZVODNJA 3D TISKALNIKOV IN FILAMENTOV D.O.O.
Time of sampling:	
Place of sampling:	AZUREFILM PROIZVODNJA 3D TISKALNIKOV IN FILAMENTOV , LAVA 2A, CELJE
Sample received by:	Tatjana Škrabec
Place and time of receiving:	Ljubljana, 21.07.2020 08:00

Sample description

Plastic cups, black or brown colour.
The customer's information about the sample:
-sample material: PETG
-article code:
3D Filament PETG Black, Product code 1.75mm: FG171-9005 (1Kg), FG317-9005 (300g), FG471-9005 (2,1Kg), FG517-9005 (500g);
3D Filament PETG Black, Product code 2.85mm: FG281-9005 (1Kg);
3D Filament PETG Transparent, Product code 1.75mm: FG171-0000 (1Kg), FG517-0000 (500g), FG317-0000 (300g) FG471-0000 (2,1Kg) FG871-0000 (50g);
3D Filament PETG Transparent, Product code 2.85mm: FG281-0000 (1Kg), FG881-0000 (50g)
-purpose of use: contact with food.

Assessment of the results

Shown are all results with annexes.

Parameter	Result	Unit	Norm
Black and brown cups - average sample			
Basic parameters			
Overall migration into 10 vol.% ethanol	<1	mg/dm^2	10
Overall migration into 3% acetic acid	<1	mg/dm^2	10
Overall migration into olive oil	<4	mg/dm^2	10
Black cups			
Elements			
Barium	<0.01	mg/kg	1

Elements			
Copper	<0.01	mg/kg	5
Zinc	<0.01	mg/kg	5
Cobalt	<0.01	mg/kg	0.05
Manganese	<0.01	mg/kg	0.6
Lithium	<0.01	mg/kg	0.6
Iron	<2	mg/kg	48
Aluminium	<0.05	mg/kg	1
Nickel	<0.01	mg/kg	0.02
Antimony	<0.01	mg/kg	0.04
Organic parameters			
Acetaldehyde	<1	mg/kg	6
Isophthalic acid	<0.2	mg/kg	5
Terephthalic acid	<0.2	mg/kg	7.5
Primary aromatic amines			
Aniline	<0.0025	mg/kg	/
m-Phenylenediamine	<0.0025	mg/kg	/
2-naftilamin	<0.0025	mg/kg	/
o-Toluidine	<0.0025	mg/kg	/
4-Chloro-Aniline	<0.0025	mg/kg	/
2-Methoxy aniline	<0.0025	mg/kg	/
6-metoksi m-toluidin *(2-Methoxy-5-Methylaniline *)*	<0.0025	mg/kg	/
2,4-toluendiamin *(Toluene-2,4-diamine *)*	<0.0025	mg/kg	/
2,4-Dimetilanilin *(2,4-Dimethylaniline *)*	<0.0025	mg/kg	/
2,4,5-Trimethylaniline	<0.0025	mg/kg	/
2,6-toluendiamin *(2,6-Diaminotoluene *)*	<0.0025	mg/kg	/
2,6-Dimethylaniline	<0.0025	mg/kg	/
4,4'-Methylenedi-o-toluidine	<0.0025	mg/kg	/
4-Aminobifenil	<0.0025	mg/kg	/
4-chloro-o-Toluidine	<0.0025	mg/kg	/
4,4'-Thiodianiline	<0.0025	mg/kg	/
4,4'-Methylenedianiline	<0.0025	mg/kg	/
4,4'-Oxydianiline	<0.0025	mg/kg	/
2-Chloroaniline	<0.0025	mg/kg	/

Specific migration limit for primary aromatic amines is 0.01mg/kg of food or food simulant. The limit applies to the sum of primary aromatic amines released from the sample.

Brown cups

Elements			
Barium	<0.01	mg/kg	1
Copper	<0.01	mg/kg	5
Zinc	<0.01	mg/kg	5

Elements			
Cobalt	<0.01	mg/kg	0.05
Manganese	<0.01	mg/kg	0.6
Lithium	<0.01	mg/kg	0.6
Iron	<2	mg/kg	48
Aluminium	<0.05	mg/kg	1
Nickel	<0.01	mg/kg	0.02
Antimony	<0.01	mg/kg	0.04
Primary aromatic amines			
Aniline	<0.0025	mg/kg	/
m-Phenylenediamine	<0.0025	mg/kg	/
2-naftilamin	<0.0025	mg/kg	/
o-Toluidine	<0.0025	mg/kg	/
4-Chloro-Aniline	<0.0025	mg/kg	/
2-Methoxy aniline	<0.0025	mg/kg	/
6-metoksi m-toluidin *(2-Methoxy-5-Methylaniline *)*	<0.0025	mg/kg	/
2,4-toluendiamin *(Toluene-2,4-diamine *)*	<0.0025	mg/kg	/
2,4-Dimetilanilin *(2,4-Dimethylaniline *)*	<0.0025	mg/kg	/
2,4,5-Trimethylaniline	<0.0025	mg/kg	/
2,6-toluendiamin *(2,6-Diaminotoluene *)*	<0.0025	mg/kg	/
2,6-Dimethylaniline	<0.0025	mg/kg	/
4,4'-Methylenedi-o-toluidine	<0.0025	mg/kg	/
4-Aminobifenil	<0.0025	mg/kg	/
4-chloro-o-Toluidine	<0.0025	mg/kg	/
4,4'-Thiodianiline	<0.0025	mg/kg	/
4,4'-Methylenedianiline	<0.0025	mg/kg	/
4,4'-Oxydianiline	<0.0025	mg/kg	/
2-Chloroaniline	<0.0025	mg/kg	/

Specific migration limit for primary aromatic amines is 0.01mg/kg of food or food simulant. The limit applies to the sum of primary aromatic amines released from the sample.

Indications in brackets are identical as in enclosed test reports

Criterion-Limits according to:

Regulation (EU) 10/2011 of 14 January 2011, on plastic materials and articles intended to come into contact with food, amended by 321/2011, 1282/2011, 1183/2012, 202/2014, 2015/174, 2016/1416, 2017/752, 2018/79, 2018/213, 2018/831, 2019/37, 2019/988, 2019/1338, 2020/1245), Art.12, Annex I, II

The sample was analysed for overall migration into food simulants 3% acetic acid, 10% ethanol and olive oil and for specific migration of primary aromatic amines, metals (barium, cobalt, copper, iron, lithium, manganese, zinc, aluminium, nickel, antimony), terephthalic acid, isophtalic acid and acetaldehyde into food simulant 3% acetic acid.

Overall and specific migration values from the sample were lower than the quantification limits of the analytical methods used.

With regard to the analysed parameters the sample of PETG cups for food contact (black and brown colour) IS COMPLIANT with:
- art. 10, 11 and 12 of Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food (with ammendments) and
- art. 3, point 1a and b, 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 and 89/109/EEC.

68008_1.jpg



Report annexes:
Testing report with evidence code 2131b-20/73105-20/68008-T/1
Report of chemical analyses with evidence code 1011-20/73105-20/68008-K

Testing report

Testing report 2131b-20/73105-20/68008-T/1 completely replaces Testing report 2131b-20/73105-20/68008-T, dated 05.10.2020.

Sample description is changed: product code (customer's information) is added.

Sample:	PETG cups intended to come into contact with food
Matrix:	Materials and articles intended to come into contact with food - FCM
Sample number:	20/68008
Purpose:	Analysis on owner request
Title:	Testing of materials and articles intended to come into contact with food
Head of task:	Andreja Zorič, univ. dipl. kem.
Customer:	AZUREFILM PROIZVODNJA 3D TISKALNIKOV IN FILAMENTOV D.O.O., LAVA 2 A, 3000 CELJE
Request:	Order according to offer no.: PO-213b-30/73105-20/35470 , z dne 21.07.2020
Place of sampling:	AZUREFILM PROIZVODNJA 3D TISKALNIKOV IN FILAMENTOV , LAVA 2A, CELJE
Sample status:	The sample complies with criteria for the reception

Sampling		***Sample receiving***		**Issue date:**	16.10.2020
Date and hour:		**Date and hour:**	21.07.2020 08:00		
Taken by:	AZUREFILM PROIZVODNJA 3D TISKALNIKOV IN FILAMENTOV D.O.O.	**Received by:**	Tatjana Škrabec		

Data provided by a customer included in the test report are:
sample data, sampling data (the location of the sampling, the date and hour of the sampling, sampler).

Analytic results

Results marked with # refer to **not accredited** activity

Parameter	Result Note	Unit	Expressed as/on	Method Place of execution	Start/End
Black and brown cups - average sample					
Basic parameters					
Migration testing (overall migration)	#			SIST EN 1186-1: 2002, Uredba/Regulation 10/2011, LJ	02.09.20 09.09.20
	Migration testing conditions for determination of overall migration into food simulant olive oil: *- food simulant: olive oil* *- time, temperature of contact: 2hours, 70°C (2.9.2020), 4hours, 70°C (9.9.2020), 6hours, 70°C (9.9.2020)* *- type of contact: total immersion* *- surface of sample material/volume of simulant: corresponds to the ratio 1dm2/100ml.* *Overall migration was determined in the 3.migration solution.*				
Migration testing (overall migration)	#			SIST EN 1186-1: 2002, Uredba/Regulation 10/2011, LJ	14.08.20 14.08.20
	Migration testing conditions for determination of overall migration into food simulant 3% acetic acid: *- food simulant: 3% acetic acid* *- time, temperature of contact: 2hours, 70°C, three times repeated* *- type of contact: article filling* *- surface of sample material/volume of simulant: 1.71dm2/200ml.* *Overall migration was determined in the 3.migration solution.*				

Analytic results

Results marked with # refer to **not accredited** activity

Parameter	Result Note	Unit	Expressed as/on	Method Place of execution	Start/End
Basic parameters					
Migration testing (overall migration)	#			SIST EN 1186-1: 2002, Uredba/Regulation 10/2011, LJ	17.08.20 17.08.20
	Migration testing conditions for determination of overall migration into food simulant 10% ethanol: *- food simulant: 10% ethanol* *- time, temperature of contact: 2hours, 70°C, three times repeated* *- type of contact: article filling* *- surface of sample material/volume of simulant: 1.71dm2/200ml.* *Overall migration was determined in the 3.migration solution.*				
Overall migration into 10 vol.% ethanol	<1	mg/dm^2		SIST EN 1186-3: 2002, LJ	20.08.20 03.10.20
	The reported value is average of measurements on three samples.				
Overall migration into 3% acetic acid	<1	mg/dm^2		SIST EN 1186-3: 2002, LJ	18.08.20 19.08.20
	The reported value is average of measurements on three samples.				
Black cups					
Basic parameters					
Migration testing (specific migration)	#			SIST EN 13130-1: 2004, Uredba/Regulation 10/2011, LJ	18.08.20 18.08.20
	Migration testing conditions for determination of primary aromatic amines, metals, terephthalic acid, isophthalic acid and acetaldehyde: *- food simulant: 3% acetic acid* *- time, temperature of contact: 2hours, 70°C, three times repeated* *- type of contact: article filling* *- surface of sample material/volume of simulant: 1.71dm2/200ml.* *Specific migration of primary aromatic amines was determined in the 1. migration solution and specific migration of other analytes in the 3.solution.*				
Brown cups					
Basic parameters					
Migration testing (specific migration)	#			SIST EN 13130-1: 2004, Uredba/Regulation 10/2011, LJ	18.08.20 18.08.20
	Migration testing conditions for determination of primary aromatic amines and metals: *- food simulant: 3% acetic acid* *- time, temperature of contact: 2hours, 70°C, three times repeated* *- type of contact: article filling* *- surface of sample material/volume of simulant: 1.71dm2/200ml.* *Specific migration of primary aromatic amines was determined in the 1. migration solution and specific migration of metals in the 3.solution.*				

Locations of analyses:
LJ - OOZ Maribor, Grablovičeva ulica 44, Ljubljana

SLOVENSKA AKREDITACIJA
SIST EN ISO/IEC 17025
LP-014
Results marked with # or **non-accredited** relate to not-accredited activity

Evidence code:2131b-20/73105-20/68008-T/1

Head of branch:
mag. Emil Žerjal, univ. dipl. inž. kem. tehnol.

Electronically signed by deputy Alenka Labović, univ. dipl. inž. kem. tehnol. at 16.10.2020 11:05:35

Results refer only to the tested sample. The test report shall not be reproduced except in full without written approval of the department. It should not be used for advertising purposes.
The sample was kept in accordance to the requirements from the time of receipt until the start of the testing. Results apply to the sample as received.
All additional information on testing is available at the department.

NATIONAL LABORATORY OF
HEALTH, ENVIRONMENT AND FOOD
CENTRE FOR CHEMICAL ANALYSIS OF FOOD,
WATER AND OTHER ENVIRONMENTAL SAMPLES

SLOVENSKA AKREDITACIJA
SIST EN ISO/IEC 17025
LP-014

Results marked with # or **non-accredited** relate to not-accredited activity

Evidence code: 1011-20/73105-20/68008-K

Report of chemical analyses

Sample: PETG cups intended to come into contact with food
Matrix: Materiali in izdelki v stiku z živili - FCM
Sample number: 20/68008
Purpose: Analysis on owner request
Title: Testing of materials and articles intended to come into contact with food
Head of task: Andreja Zorič, univ. dipl. kem.
Customer: AZUREFILM PROIZVODNJA 3D TISKALNIKOV IN FILAMENTOV D.O.O., LAVA 2 A, 3000 CELJE
Request: Order according to offer no.: PO-213b-30/73105-20/35470 , z dne 21.07.2020
Place of sampling: AZUREFILM PROIZVODNJA 3D TISKALNIKOV IN FILAMENTOV , LAVA 2A, CELJE
Sample status: The sample complies with criteria for the reception

Sampling
Date and hour:
Taken by: AZUREFILM PROIZVODNJA 3D TISKALNIKOV IN FILAMENTOV D.O.O.

Sample receiving
Date and hour: 21.07.2020 08:00
Received by: Tatjana Škrabec

Issue date: 05.10.2020

Data provided by a customer included in the test report are:
sample data, sampling data (the location of the sampling, the date and hour of the sampling, sampler).

Analytic results

Results marked with # refer to **not accredited** activity

Parameter	Result Note		Unit	Expressed as/on	Method Place of execution	Start/End
Black and brown cups - average sample						
Basic parameters						
Overall migration into olive oil	<4		mg/dm^2		SIST EN 1186-2:2002[1], LJ	04.09.20 18.09.20
	The reported value is average of measurements on three samples and is calculated as difference between overall migrations from third and second successive migration test. Because of technical reasons the surface of the sample in migration testing was not exactly 1dm2, but the ratio surface to volume of simulant was 1dm2/100ml. The result is corrected for the loss of volatiles. The conditioning of test samples was carried out according to the procedure described in standard EN 1186-2:2002 Annex B					
Black cups						
Elements						
Barium	<0.010	#	mg/kg		ISO 17294-2: 2016, modified, MB	20.08.20 21.08.20
Copper	<0.010	#	mg/kg		ISO 17294-2: 2016, modified, MB	20.08.20 21.08.20
Zinc	<0.010	#	mg/kg		ISO 17294-2: 2016, modified, MB	20.08.20 21.08.20
Cobalt	<0.010	#	mg/kg		ISO 17294-2: 2016, modified, MB	20.08.20 21.08.20
Manganese	<0.010	#	mg/kg		ISO 17294-2: 2016, modified, MB	20.08.20 21.08.20
Lithium	<0.010	#	mg/kg		ISO 17294-2: 2016, modified, MB	20.08.20 21.08.20

Analytic results

Results marked with # refer to **not accredited** activity

Parameter	Result Note		Unit	Expressed as/on	Method Place of execution	Start/End
Iron	<2.0	#	mg/kg		ISO 17294-2: 2016, modified, MB	20.08.20 21.08.20
Aluminium	<0.050	#	mg/kg		ISO 17294-2: 2016, modified, MB	20.08.20 21.08.20
Nickel	<0.010	#	mg/kg		ISO 17294-2: 2016, modified, MB	20.08.20 21.08.20
Antimony	<0.010	#	mg/kg		ISO 17294-2: 2016, modified, MB	20.08.20 21.08.20
Organic parameters						
Acetaldehyde	<1	#	mg/kg		ND-IV-NLZOH-OKAMB-127, izdaja 3, MB	16.09.20 17.09.20
Isophthalic acid	<0.2	#	mg/kg		SIST EN 13130-2 modific.: 2004[1], LJ	28.08.20 28.08.20
Terephthalic acid	<0.2	#	mg/kg		SIST EN 13130-2 modific.: 2004[1], LJ	28.08.20 28.08.20
Primary aromatic amines						
Aniline	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
m-Phenylenediamine	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
2-naftilamin	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
o-Toluidine	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
4-Chloro-Aniline	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
2-Methoxy aniline	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
2-Methoxy-5-Methylaniline	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
Toluene-2,4-diamine	<0.0025	#	mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, izdaja 7[1], LJ	20.08.20 21.08.20
2,4-Dimethylaniline	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
2,4,5-Trimethylaniline	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
2,6-Diaminotoluene	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
2,6-Dimethylaniline	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
4,4'-Methylenedi-o-toluidine	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
4-Aminobifenil	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
4-chloro-o-Toluidine	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
4,4'-Thiodianiline	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
4,4'-Methylenedianiline	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20

Analytic results

Results marked with # refer to **not accredited** activity

Parameter	Result Note		Unit	Expressed as/on	Method Place of execution	Start/End
4,4'-Oxydianiline	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
2-Chloroaniline	<0.0025	#	mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, izdaja 7[1], LJ	20.08.20 21.08.20
Brown cups						
Elements						
Barium	<0.010	#	mg/kg		ISO 17294-2: 2016, modified, MB	20.08.20 21.08.20
Copper	<0.010	#	mg/kg		ISO 17294-2: 2016, modified, MB	20.08.20 21.08.20
Zinc	<0.010	#	mg/kg		ISO 17294-2: 2016, modified, MB	20.08.20 21.08.20
Cobalt	<0.010	#	mg/kg		ISO 17294-2: 2016, modified, MB	20.08.20 21.08.20
Manganese	<0.010	#	mg/kg		ISO 17294-2: 2016, modified, MB	20.08.20 21.08.20
Lithium	<0.010	#	mg/kg		ISO 17294-2: 2016, modified, MB	20.08.20 21.08.20
Iron	<2.0	#	mg/kg		ISO 17294-2: 2016, modified, MB	20.08.20 21.08.20
Aluminium	<0.050	#	mg/kg		ISO 17294-2: 2016, modified, MB	20.08.20 21.08.20
Nickel	<0.010	#	mg/kg		ISO 17294-2: 2016, modified, MB	20.08.20 21.08.20
Antimony	<0.010	#	mg/kg		ISO 17294-2: 2016, modified, MB	20.08.20 21.08.20
Primary aromatic amines						
Aniline	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
m-Phenylenediamine	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
2-naftilamin	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
o-Toluidine	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
4-Chloro-Aniline	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
2-Methoxy aniline	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
2-Methoxy-5-Methylaniline	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
Toluene-2,4-diamine	<0.0025	#	mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, izdaja 7[1], LJ	20.08.20 21.08.20
2,4-Dimethylaniline	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
2,4,5-Trimethylaniline	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20
2,6-Diaminotoluene	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-97, ver. 7[1], LJ	20.08.20 21.08.20

Analytic results

Results marked with # refer to **not accredited** activity

Parameter	Result Note		Unit	Expressed as/on	Method Place of execution	Start/End
2,6-Dimethylaniline	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-9 97, ver. 7[1], LJ	20.08.20 21.08.20
4,4'-Methylenedi-o-toluidine	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-9 97, ver. 7[1], LJ	20.08.20 21.08.20
4-Aminobifenil	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-9 97, ver. 7[1], LJ	20.08.20 21.08.20
4-chloro-o-Toluidine	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-9 97, ver. 7[1], LJ	20.08.20 21.08.20
4,4'-Thiodianiline	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-9 97, ver. 7[1], LJ	20.08.20 21.08.20
4,4'-Methylenedianiline	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-9 97, ver. 7[1], LJ	20.08.20 21.08.20
4,4'-Oxydianiline	<0.0025		mg/kg		ND-IV-NLZOH-OKAMB-LJ-9 97, ver. 7[1], LJ	20.08.20 21.08.20
2-Chloroaniline	<0.0025	#	mg/kg		ND-IV-NLZOH-OKAMB-LJ-9 97, izdaja 7[1], LJ	20.08.20 21.08.20

[1] Parameters were determined in food simulant after migration testing. Migration testing conditions are given in Testing report.

Locations of analyses:

LJ - OKA Maribor, Grablovičeva ulica 44, Ljubljana
MB - OKA Maribor, Prvomajska ulica 1, Maribor

Head of branch:
dr. Boštjan Križanec, univ. dipl. inž. kem. tehnol.

Electronically signed dr. Boštjan Križanec, univ. dipl. inž. kem. tehnol. at 05.10.2020 07:38:34

Results refer only to the tested sample. The test report shall not be reproduced except in full without written approval of the department. It should not be used for advertising purposes.
The sample was kept in accordance to the requirements from the time of receipt until the start of the testing. Results apply to the sample as received.
All additional information on testing is available at the department.