

2034500 - 2034501 - 2034502 - 2034503 - 2034504 - 2034510 - 2034511 -
2034512 - 2034513 - 2034514 - 2034515 - 2034520 - 2034521
Dorte Langebæk

Fra: Merete Troelsen <mt@agenturcentret.dk>
Sendt: 10. marts 2015 10:27
Til: Elsi Muff
Cc: jpm@agenturcentret.dk
Emne: Evelin testrapporter
Vedhæftede filer: SKMBI_C22415031010050.pdf

Hej Elsi,

Hermed fremsendes testrapporter på Evelin skåle fra Tyrkiet.

Alle tests er udført i overensstemmelse med rammeforordning 1935/2004, for plast : forordning 10/2011 og mht. kvalitetsstyring/dokumentationsstyring : GMP forordning 2023/2006.

Der henvises til ovennævnte under følgende 2 punkter i rapporterne:

-"Supplement information"

-"Compliance/non-compliance with the requirements and specifications"

Vi har fremhævet de relevante reference.

Mvh

Jens Peter Mathiesen

Med venlig hilsen / Mit freundlichen Grüßen / Best regards
agenturcentret a.s.
Merete Troelsen

Tlf. 7011 1211
Fax. 7011 1221

Dir. tlf. 4485 3663

E-Mail: mt@agenturcentret.dk

www.agenturcentret.dk

TEST REPORT N. 13/000395593

date of issue 19/11/2013

Customer ID 0053426/002

Messrs
HI-PAS PLASTIK ESYA TIC. SAN
LTD. STI
SULEYMAN DEMIREL BULVARI
23 CADDE HESKOP SAN SIT S 1
BLOK ZEMIN 1-2 IKITELLI ORG.
SAN.
. BASAKSEHIR-ISTANBUL
Turchia

Sample information

Acceptance number 13.063069.0001

Delivered by UPS on 06/11/2013

Receiving Date 06/11/2013

Place of origin HI-PAS PLASTIK ESYA TIC. SAN LTD. STI SULEYMAN DEMIREL BULVARI 23 CADDE
HESKOP SAN SIT S 1 BLOK ZEMIN 1-2 IKITELLI ORG. SAN. . BASAKSEHIR-ISTANBUL
Turchia

Sample Description POLYSTYRENE BOWLS

Sampling information

Sampled by Customer

ANALYTICAL RESULTS

	Value/Uncertain	Unit of measure	Reference values	References	LoQ	LoD	Start/end date of analysis	Op. units	Row
ON SAMPLE AS IT IS									
MIGRATION IN AQUEOUS SOLUTION OF ACETIC ACID							07/11/2013- -19/11/2013	01	2
Met.: UNI EN 1186:2003									
CONDITIONS OF CONTACT								01	3
Ratio surface area/volume	0,6								4
Type of contact	Filling (part 9)								5
Time	10	d (days)							6
Temperature	40	°C							7
Concentration	3,0	% w/v							8
OVERALL MIGRATION							05/11/2013- -19/11/2013	01	9
Met.: UNI EN 1186:2003									
Overall migration 1st test	< LoQ	mg/dm ²			2,0				10
Overall migration 2nd test	< LoQ	mg/dm ²			2,0				11
Overall migration 3rd test	< LoQ	mg/dm ²			2,0				12
Medium overall migration	< LoQ	mg/dm ²	<=10	Reg UE 10/11 (h)	2,0				13

Supplement information

Row (13) - Reference: Reg UE 10/11 (h) = Regulation (EU) n° 10 of 14/01/2011 - G.U.U.E. n° L12 of 15/01/2011 - concerning plastic materials and objects intended to come into contact with food. Art 12 - Overall migration limit.
According to norm UNI EN 1186-1:2003 point 12.3 the following analytical tolerances are admitted: 6 mg/kg or 1 mg/dm² in migration tests with aqueous simulants, 20 mg/kg or 3 mg/dm² in migration tests with rectified olive oil or its substitutive simulants.
Such tolerances are the maximum difference between the average and the single values.

Operative units

Unit 01 : Via Fratta Resana (TV)

Compliance / non-compliance with the requirements and specifications

Row (13): the analytical results are **IN ACCORDANCE** with the indicated references.
The suitability of the sample for food contact is subordinated to the evaluation of the test results performed for this aim.
Therefore, it is possible to retain that the material, on tested conditions, is suitable to come into contact with the food that are simulated by the simulants which results of overall and specific migrations have resulted in accordance with the limits.
It is pointed out that food suitability has to be considered as valid provided that the used monomers, additives and technological adjuvants are admitted by the legislation in force, the possible overall and specific migrations limits are respected as well as the requisites established by the regulations EC 1935/2004 and EC 2023/2006.

Responsabile prove chimiche
Dott. Italo Commissati
Chimico Ordine dei chimici - Provincia di Treviso Iscrizione n. 221

Direttore laboratorio
Dott. Tiziano Conte
Chimico Ordine dei chimici - Provincia di Treviso Iscrizione n. 148

- If not otherwise specified, the uncertainty is extended and has been calculated with a recovery factor k=2 corresponding to a probability interval of about 95%. - LoD is the detection limit and identifies a confidence interval of zero with a probability interval of about 99%. - LoQ is the limit of quantification. "n.d." is not detected and indicates a value inferior to the LoD. "traces (X)" means a value between LoD and LoQ, this value is indicative. "<x" or ">x" indicate inferior or superior to the measurement field of the test. - If not differently specified, the sums are calculated by lower bound criteria (L.B.). - Registration with the number 7 of the Regional List of the laboratories of the Regione Veneto which perform analyses as regards the procedures for the food safety in food industries, as reported in Annex A of DDR n° 73 of 16th January 2008 - If there is a specification (customer specifications, law limits) which has been compared to the analytical results, the values shown in bold indicate a result which is out of the specification. - If not differently specified the opinions and interpretations eventually reported are referred to analysed parameters and are based on the comparison of the value with the reference values without considering the confidence interval of measure.

TEST REPORT N. 13/000396483

date of issue 20/11/2013

Customer ID 0053426/002

Messrs
HI-PAS PLASTIK ESYA TIC. SAN
LTD. STI
SULEYMAN DEMIREL BULVARI
23 CADDE HESKOP SAN SIT S 1
BLOK ZEMIN 1-2 IKITELLI ORG.
SAN.
. BASAKSEHIR-ISTANBUL
Turchia

Sample information

Acceptance number 13.063069.0002

Delivered by UPS on 06/11/2013

Receiving Date 06/11/2013

Place of origin HI-PAS PLASTIK ESYA TIC. SAN LTD. STI SULEYMAN DEMIREL BULVARI 23 CADDE
HESKOP SAN SIT S 1 BLOK ZEMIN 1-2 IKITELLI ORG. SAN. . BASAKSEHIR-ISTANBUL
Turchia

Sample Description POLYSTYRENE BOWLS

Sampling information

Sampled by Customer

ANALYTICAL RESULTS

	Value/Uncertain	Unit of measure	Reference values	References	LoQ	LoD	Start/end date of analysis	Op. units	Row
ON SAMPLE AS IT IS									
MIGRATION IN AQUEOUS SOLUTION OF ETHANOL							07/11/2013- 20/11/2013	01	2
Met.: UNI EN 1186:2003									
CONDITIONS OF CONTACT									
Ratio surface area/volume	0,6							01	3
Type of contact	Filling (part 9)								4
Time	10	d (days)							5
Temperature	40	°C							6
Concentration	10	% v/v							7
OVERALL MIGRATION							06/11/2013- 13/11/2013	01	8
Met.: UNI EN 1186:2003									
Overall migration 1st test	< LoQ	mg/dm ²			2,0				9
Overall migration 2nd test	< LoQ	mg/dm ²			2,0				10
Overall migration 3rd test	< LoQ	mg/dm ²			2,0				11
Medium overall migration	< LoQ	mg/dm ²	<=10	Reg UE 10/11 (h)	2,0				12
									13

Supplement information

Row (13) - Reference: Reg UE 10/11 (h) = Regulation (EU) n° 10 of 14/01/2011 - G.U.U.E. n° L12 of 15/01/2011 - concerning plastic materials and objects intended to come into contact with food. Art 12 - Overall migration limit.
According to norm: UNI EN 1186-1:2003 point 12.3 the following analytical tolerances are admitted: 6 mg/kg or 1 mg/dm² in migration tests with aqueous simulants, 20 mg/g or 3 mg/dm² in migration tests with rectified olive oil or its substitutive simulants.
Such tolerances are the maximum difference between the average and the single values.

Operative units

Unit 01 : Via Fratta Resana (TV)

Compliance / non-compliance with the requirements and specifications

Row (13): the analytical results are **IN ACCORDANCE** with the indicated references.
The suitability of the sample for food contact is subordinated to the evaluation of the test results performed for this aim.
Therefore, it is possible to retain that the material, on tested conditions, is suitable to come into contact with the food that are simulated by the simulants which results of overall and specific migrations have resulted in accordance with the limits.
It is pointed out that food suitability has to be considered as valid provided that the used monomers, additives and technological adjuvants are admitted by the legislation in force, the possible overall and specific migrations limits are respected as well as the requisites established by the regulations EC 1935/2004 and EC 2023/2006.

Responsabile prove chimiche
Dott. Italo Commissati
Chimico Ordine dei chimici - Provincia di Treviso Iscrizione n. 221

Direttore laboratorio
Dott. Tiziano Conte
Chimico Ordine dei chimici - Provincia di Treviso Iscrizione n. 148

- If not otherwise specified, the uncertainty is extended and has been calculated with a recovery factor k=2 corresponding to a probability interval of about 95%. - LoD is the detection limit and identifies a confidence interval of zero with a probability interval of about 99%. - LoQ is the limit of quantification. "n.d." is not detected and indicates a value inferior to the LoD. "traces (X)" means a value between LoD and LoQ, this value is indicative. "<x" or ">x" indicate inferior or superior to the measurement field of the test. - If not differently specified, the sums are calculated by lower bound criteria (L.B.). - Registration with the number 7 of the Regional List of the laboratories of the Regione Veneto which perform analyses as regards the procedures for the food safety in food industries, as reported in Annex A of DDR n°73 of 16th January 2008 - If there is a specification (customer specifications, law limits) which has been compared to the analytical results, the values shown in bold indicate a result which is out of the specification. - If not differently specified, the opinions and interpretations eventually reported are referred to analysed parameters and are based on the comparison of the value with the reference values without considering the confidence interval of measure.

TEST REPORT N. 13/000402470

date of issue 25/11/2013

Customer ID 0053426/002

Messrs
HI-PAS PLASTIK ESYA TIC. SAN
LTD. STI
SULEYMAN DEMIREL BULVARI
23 CADDE HESKOP SAN SIT S 1
BLOK ZEMIN 1-2 IKITELLI ORG.
SAN.
. BASAKSEHIR-ISTANBUL
Turchia

Sample information

Acceptance number 13.063069.0003

Delivered by UPS on 06/11/2013

Receiving Date 06/11/2013

Place of origin HI-PAS PLASTIK ESYA TIC. SAN LTD. STI SULEYMAN DEMIREL BULVARI 23 CADDE HESKOP SAN SIT S 1 BLOK ZEMIN 1-2 IKITELLI ORG. SAN. . BASAKSEHIR-ISTANBUL Turchia

Sample Description POLYSTYRENE BOWLS

Sampling information

Sampled by Customer

ANALYTICAL RESULTS

	Value/Uncertain	Unit of measure	Reference values	References	LoQ	LoD	Start/end date of analysis	Op. units	Row
ON SAMPLE AS IT IS									
MIGRATION IN OIL							07/11/2013- 25/11/2013	01	2
Met.: UNI EN 1186:2003									
CONDITIONS OF CONTACT									
Ratio surface area/volume	0,6							01	3
Type of contact	Filling (part 8)								4
Time	10	d (days)							5
Temperature	40	°C							6
OVERALL MIGRATION							07/11/2013- 22/11/2013	01	7
Met.: UNI EN 1186:2003									
Overall migration 1st test	2,0	mg/dm ²			2,0				8
Overall migration 2nd test	2,5	mg/dm ²			2,0				9
Overall migration 3rd test	2,0	mg/dm ²			2,0				10
Medium overall migration	2,2±1,4	mg/dm ²	<=10	Reg UE 10/11 (h)	2,0				11
									12

Supplement information

Row (12) - Reference: Reg UE 10/11 (h) = Regulation (EU) n° 10 of 14/01/2011 - G.U.U.E. n° L12 of 15/01/2011 - concerning plastic materials and objects intended to come into contact with food. Art 12 - Overall migration limit.
 According to norm UNI EN 1186-1:2003 point 12.3 the following analytical tolerances are admitted: 6 mg/kg or 1 mg/dm² in migration tests with aqueous simulants, 20 mg/kg or 3 mg/dm² in migration tests with rectified olive oil or its substitutive simulants.
 Such tolerances are the maximum difference between the average and the single values.

Operative units

Unit 01 : Via Fratta Resana (TV)

Compliance / non-compliance with the requirements and specifications

Row (12): the analytical results are **IN ACCORDANCE** with the indicated references.
 The suitability of the sample for food contact is subordinated to the evaluation of the test results performed for this aim.
 Therefore, it is possible to retain that the material, on tested conditions, is suitable to come into contact with the food that are simulated by the simulants which results of overall and specific migrations have resulted in accordance with the limits.
 It is pointed out that food suitability has to be considered as valid provided that the used monomers, additives and technological adjuvants are admitted by the legislation in force, the possible overall and specific migrations limits are respected as well as the requisites established by the regulations EC 1935/2004 and EC 2023/2006.

Responsabile prove chimiche
Dott. Italo Commissati
Chimico Ordine dei chimici - Provincia di Treviso Iscrizione n. 221

Direttore laboratorio
Dott. Tiziano Conte
Chimico Ordine dei chimici - Provincia di Treviso Iscrizione n. 148

- The line marked by a star (*) is not accredited by Accredia, member of MLA. - If not otherwise specified, the uncertainty is extended and has been calculated with a recovery factor k=2 corresponding to a probability interval of about 95%. - LoD is the detection limit and identifies a confidence interval of zero with a probability interval of about 99%. - LoQ is the limit of quantification. "n.d" is not detected and indicates a value inferior to the LoD. "traces (X)" means a value between LoD and LoQ, this value is indicative. "<x" or ">x" indicate inferior or superior to the measurement field of the test. - If not differently specified, the sums are calculated by lower bound criteria (L.B.). - Registration with the number 7 of the Regional List of the laboratories of the Regione Veneto which perform analyses as regards the procedures for the food safety in food industries, as reported in Annex A of DDR n°73 of 16th January 2008 - If there is a specification (customer specifications, law limits) which has been compared to the analytical results, the values shown in bold indicate a result which is out of the specification. - If not differently specified the opinions and interpretations eventually reported are referred to analyzed parameters and are based on the comparison of the value with the reference values without considering the confidence interval of measure.

TEST REPORT N. 13/000395302

date of issue 19/11/2013

Customer ID 0053426/002

Messrs
HI-PAS PLASTIK ESYA TIC. SAN
LTD. STI
SULEYMAN DEMIREL BULVARI
23 CADDE HESKOP SAN SIT S 1
BLOK ZEMIN 1-2 IKITELLI ORG.
SAN.
. BASAKSEHIR-ISTANBUL
Turchia

Sample information

Acceptance number 13.063069.0004

Delivered by UPS on 06/11/2013

Receiving Date 06/11/2013

Place of origin HI-PAS PLASTIK ESYA TIC. SAN LTD. STI SULEYMAN DEMIREL BULVARI 23 CADDE
HESKOP SAN SIT S 1 BLOK ZEMIN 1-2 IKITELLI ORG. SAN. . BASAKSEHIR-ISTANBUL
Turchia

Sample Description POLYSTYRENE BOWLS

Sampling information

Sampled by Customer

ANALYTICAL RESULTS

	Value/Uncertain	Unit of measure	Reference values	References	LoQ	LoD	Start/end date of analysis	Op. units	Row
ON SAMPLE AS IT IS									
									1
MIGRATION IN AQUEOUS SOLUTION OF ETHANOL							07/11/2013- -19/11/2013	01	2
<small>Met.: UNI EN 1186:2003</small>									
CONDITIONS OF CONTACT									
Ratio surface area/volume	0,6							01	3
Type of contact	Filling (part 14-6)								4
Time	10	d (days)							5
Temperature	40	°C							6
Concentration	95	% v/v							7
									8
OVERALL MIGRATION									
<small>Met.: UNI EN 1186:2003</small>									
Overall migration 1st test	< LoQ	mg/dm ²			2,0		06/11/2013- -19/11/2013	01	9
Overall migration 2nd test	< LoQ	mg/dm ²			2,0				10
Overall migration 3rd test	< LoQ	mg/dm ²			2,0				11
Medium overall migration	< LoQ	mg/dm ²	<=10	Reg UE 10/11 (h)	2,0				12
									13

Supplement information

Row (13) - Reference: Reg UE 10/11 (h) = Regulation (EU) n° 10 of 14/01/2011 - G.U.U.E. n° L12 of 15/01/2011 - concerning plastic materials and objects intended to come into contact with food. Art 12 - Overall migration limit.
According to norm UNI EN 1186-1:2003 point 12.3 the following analytical tolerances are admitted: 6 mg/kg or 1 mg/dm² in migration tests with aqueous simulants, 20 mg/kg or 3 mg/dm² in migration tests with rectified olive oil or its substitutive simulants.
Such tolerances are the maximum difference between the average and the single values.

Operative units

Unit 01 : Via Fratta Resana (TV)

Compliance / non-compliance with the requirements and specifications

Row (13): the analytical results are **IN ACCORDANCE** with the indicated references.
The suitability of the sample for food contact is subordinated to the evaluation of the test results performed for this aim.
Therefore, it is possible to retain that the material, on tested conditions, is suitable to come into contact with the food that are simulated by the simulants which results of overall and specific migrations have resulted in accordance with the limits.
It is pointed out that food suitability has to be considered as valid provided that the used monomers, additives and technological adjuvants are admitted by the legislation in force, the possible overall and specific migrations limits are respected as well as the requisites established by the regulations EC 1935/2004 and EC 2023/2006.

Responsabile prove chimiche
Dott. Italo Commissati
<small>Chimico Ordine dei chimici - Provincia di Treviso Iscrizione n. 221</small>

Direttore laboratorio
Dott. Tiziano Conte
<small>Chimico Ordine dei chimici - Provincia di Treviso Iscrizione n. 148</small>

- The line marked by a star (*) is not accredited by Accredia, member of MLA. - If not otherwise specified, the uncertainty is extended and has been calculated with a recovery factor $k=2$ corresponding to a probability interval of about 95%. - LoD is the detection limit and identifies a confidence interval of zero with a probability interval of about 99%. - LoQ is the limit of quantification. "n.d" is not detected and indicates a value inferior to the LoD. "traces (X)" means a value between LoD and LoQ, this value is indicative. "<x" or ">x" indicate inferior or superior to the measurement field of the test. - If not differently specified, the sums are calculated by lower bound criteria (L.B.). - Registration with the number 7 of the Regional List of the laboratories of the Regione Veneto which perform analyses as regards the procedures for the food safety in food industries, as reported in Annex A of DDR n°73 of 16th January 2005 - If there is a specification (customer specifications, law limits) which has been compared to the analytical results, the values shown in bold indicate a result which is out of the specification. - If not differently specified the opinions and interpretations eventually reported are referred to analysed parameters and are based on the comparison of the value with the reference values without considering the confidence interval of measure.

TEST REPORT N. 13/000400182

date of issue 22/11/2013

Customer ID 0053426/002

Messrs
HI-PAS PLASTIK ESYA TIC. SAN
LTD. STI
SULEYMAN DEMIREL BULVARI
23 CADDE HESKOP SAN SIT S 1
BLOK ZEMIN 1-2 IKITELLI ORG.
SAN.
. BASAKSEHIR-ISTANBUL
Turchia

Sample information

Acceptance number 13.063069.0002

Delivered by UPS on 06/11/2013

Receiving Date 06/11/2013

Place of origin HI-PAS PLASTIK ESYA TIC. SAN LTD. STI SULEYMAN DEMIREL BULVARI 23 CADDE HESKOP SAN SIT S 1 BLOK ZEMIN 1-2 IKITELLI ORG. SAN. . BASAKSEHIR-ISTANBUL Turchia

Sample Description POLYSTYRENE BOWLS

Sampling information

Sampled by Customer

ANALYTICAL RESULTS

	Value/Uncertain	Unit of measure	Reference values	References	LoQ	LoD	Start/end date of analysis	Op. units	Row
ON SAMPLE AS IT IS									
MIGRATION IN AQUEOUS SOLUTION OF ETHANOL							07/11/2013-20/11/2013	01	2
Met.: UNI EN 1135:2003									
CONDITIONS OF CONTACT								01	3
Ratio surface area/volume	0,6								4
Type of contact	Filling (part 9)								5
Time	10	d (days)							6
Temperature	40	°C							7
Concentration	10	% v/v							8
IN ETHANOL SIMULANT - MIGRATION									
Met.: UNI EN 1135:2003								01	9
BARIUM	0,0165	mg/kg	<=1	Reg UE 10/11 (i)	0,0010	0,0005	06/11/2013-21/11/2013	01	10
Met.: MP 1663 rev 3 2013	±0,0041								
COBALT	n.d.	mg/kg	<=0,05	Reg UE 10/11 (i)	0,0010	0,0005	06/11/2013-21/11/2013	01	11
Met.: MP 1663 rev 3 2013									
IRON	n.d.	mg/kg	<=48	Reg UE 10/11 (i)	0,0010	0,0005	06/11/2013-21/11/2013	01	12
Met.: MP 1663 rev 3 2013									
LITHIUM	traces	mg/kg	<=0,6	Reg UE 10/11 (i)	0,0010	0,0005	06/11/2013-21/11/2013	01	13
Met.: MP 1663 rev 3 2013									
MANGANESE	0,0185	mg/kg	<=0,6	Reg UE 10/11 (i)	0,0010	0,0005	06/11/2013-21/11/2013	01	14
Met.: MP 1663 rev 3 2013	±0,0047								
COPPER	n.d.	mg/kg	<=5	Reg UE 10/11 (i)	0,0010	0,0005	06/11/2013-21/11/2013	01	15
Met.: MP 1663 rev 3 2013									
ZINC	0,166±0,041	mg/kg	<=25	Reg UE 10/11 (i)	0,0010	0,0005	06/11/2013-21/11/2013	01	16
Met.: MP 1663 rev 3 2013									

Supplement information

Row (10-16) - Reference: Reg UE 10/11 (i) = COMMISSION REGULATION (EU) No 10/2011 of 14 January 2011 G.U.U.E. n° L12 of 15 January 2011 - on plastic materials and articles intended to come into contact with food. Annex I table 1.

Operative units

Unit 01 : Via Fratta Resana (TV)

Compliance / non-compliance with the requirements and specifications

Row (10,11,12,13,14,15,16): the analytical results are **IN ACCORDANCE** with the indicated references.
 The suitability of the sample for food contact is subordinated to the evaluation of the test results performed for this aim.
 Therefore, it is possible to retain that the material, on tested conditions, is suitable to come into contact with the food that are simulated by the simulants which results of overall and specific migrations have resulted in accordance with the limits.
 It is pointed out that food suitability has to be considered as valid provided that the used monomers, additives and technological adjuvants are admitted by the legislation in force, the possible overall and specific migrations limits are respected as well as the requisites established by the regulations EC 1935/2004 and EC 2023/2006.

Responsabile prove chimiche
Dott. Italo Commissati
Chimico Ordine dei chimici - Provincia di Treviso iscrizione n. 221

Direttore laboratorio
Dott. Tiziano Conte
Chimico Ordine dei chimici - Provincia di Treviso iscrizione n. 143

- The line marked by a star (*) is not accredited by Accredia, member of M.L.A. - If not otherwise specified, the uncertainty is extended and has been calculated with a recovery factor $k=2$ corresponding to a probability interval of about 95%. - LoD is the detection limit and identifies a confidence interval of zero with a probability interval of about 99%. - LoQ is the limit of quantification. "n.d" is not detected and indicates a value inferior to the LoD. "traces (x)" means a value between LoD and LoQ, this value is indicative. "<x" or ">x" indicate inferior or superior to the measurement field of the test. - If not differently specified, the sums are calculated by lower bound criteria (L.B.). - Registration with the number 7 of the Regional List of the laboratories of the Regione Veneto which perform analyses as regards the procedures for the food safety in food industries, as reported in Annex A of DDR n°73 of 16th January 2008 - If there is a specification (customer specifications, law limits) which has been compared to the analytical results, the values shown in bold indicate a result which is out of the specification. - If not differently specified the opinions and interpretations eventually reported are referred to analysed parameters and are based on the comparison of the value with the reference values without considering the confidence interval of measure.

TEST REPORT N. 13/000395593

date of issue 19/11/2013

Customer ID 0053426/002

Messrs
HI-PAS PLASTIK ESYA TIC. SAN
LTD. STI
SULEYMAN DEMIREL BULVARI
23 CADDE HESKOP SAN SIT S 1
BLOK ZEMIN 1-2 IKITELLI ORG.
SAN.
. BASAKSEHIR-ISTANBUL
Turchia

Sample information

Acceptance number 13.063069.0001

Delivered by UPS on 06/11/2013

Receiving Date 06/11/2013

Place of origin HI-PAS PLASTIK ESYA TIC. SAN LTD. STI SULEYMAN DEMIREL BULVARI 23 CADDE
HESKOP SAN SIT S 1 BLOK ZEMIN 1-2 IKITELLI ORG. SAN. . BASAKSEHIR-ISTANBUL
Turchia

Sample Description POLYSTYRENE BOWLS

Sampling information

Sampled by Customer

ANALYTICAL RESULTS

	Value/Uncertain	Unit of measure	Reference values	References	LoQ	LoD	Start/end date of analysis	Op. units	Row
ON SAMPLE AS IT IS									
MIGRATION IN AQUEOUS SOLUTION OF ACETIC ACID							07/11/2013- -19/11/2013	01	2
Met.: UNI EN 1186:2003									
CONDITIONS OF CONTACT									
Ratio surface area/volume	0,6							01	3
Type of contact	Filling (part 9)								4
Time	10	d (days)							5
Temperature	40	°C							6
Concentration	3,0	% w/v							7
Overall migration							06/11/2013- -19/11/2013	01	8
Met.: UNI EN 1186:2003									
Overall migration 1st test	< LoQ	mg/dm ²			2,0				9
Overall migration 2nd test	< LoQ	mg/dm ²			2,0				10
Overall migration 3rd test	< LoQ	mg/dm ²			2,0				11
Medium overall migration	< LoQ	mg/dm ²	<=10	Reg UE 10/11 (n)	2,0				12
									13

Supplement information

Row (13) - Reference: Reg UE 10/11 (n) = Regulation (EU) n° 10 of 14/01/2011 - G.U.U.E. n° L12 of 15/01/2011 - concerning plastic materials and objects intended to come into contact with food. Art 12 - Overall migration limit.
According to norm UNI EN 1186-1:2003 point 12.3 the following analytical tolerances are admitted: 6 mg/kg or 1 mg/dm² in migration tests with aqueous simulants, 20 mg/kg or 3 mg/dm² in migration tests with rectified olive oil or its substitutive simulants.
Such tolerances are the maximum difference between the average and the single values.

Operative units

Unit 01 : Via Fratta Resana (TV)

Compliance / non-compliance with the requirements and specifications

Row (13): the analytical results are **IN ACCORDANCE** with the indicated references.
The suitability of the sample for food contact is subordinated to the evaluation of the test results performed for this aim.
Therefore, it is possible to retain that the material, on tested conditions, is suitable to come into contact with the food that are simulated by the simulants which results of overall and specific migrations have resulted in accordance with the limits.
It is pointed out that food suitability has to be considered as valid provided that the used monomers, additives and technological adjuvants are admitted by the legislation in force, the possible overall and specific migrations limits are respected as well as the requisites established by the regulations EC 1935/2004 and EC 2023/2006.

Responsabile prove chimiche
Dott. Italo Commissati
Chimico Ordine dei chimici - Provincia di Treviso Iscrizione n. 221

Direttore laboratorio
Dott. Tiziano Conte
Chimico Ordine dei chimici - Provincia di Treviso Iscrizione n. 148

If not otherwise specified, the uncertainty is extended and has been calculated with a recovery factor k=2 corresponding to a probability interval of about 95%. - LoD is the detection limit and identifies a confidence interval of zero with a probability interval of about 99%. - LoQ is the limit of quantification. "n.d." is not detected and indicates a value inferior to the LoD. "traces (X)" means a value between LoD and LoQ, this value is indicative. "<x" or ">x" indicate inferior or superior to the measurement field of the test. - If not differently specified, the sums are calculated by lower bound criteria (L.B.). - Registration with the number 7 of the Regional List of the laboratories of the Regione Veneto which perform analyses as regards the procedures for the food safety in food industries, as reported in Annex A of D.D.R. n°73 of 16th January 2003 - If there is a specification (customer specifications, law limits) which has been compared to the analytical results, the values shown in bold indicate a result which is out of the specification. - If not differently specified, the opinions and interpretations eventually reported are referred to analysed parameters and are based on the comparison of the value with the reference values without considering the confidence interval of measure.

TEST REPORT N. 13/000400181

date of issue 22/11/2013

Customer ID 0053426/002

Messrs
HI-PAS PLASTIK ESYA TIC. SAN
LTD. STI
SULEYMAN DEMIREL BULVARI
23 CADDE HESKOP SAN SIT S 1
BLOK ZEMIN 1-2 IKITELLI ORG.
SAN.
. BASAKSEHIR-ISTANBUL
Turchia

Sample information

Acceptance number 13.063069.0001

Delivered by UPS on 06/11/2013

Receiving Date 06/11/2013

Place of origin HI-PAS PLASTIK ESYA TIC. SAN LTD. STI SULEYMAN DEMIREL BULVARI 23 CADDE
HESKOP SAN SIT S 1 BLOK ZEMIN 1-2 IKITELLI ORG. SAN. . BASAKSEHIR-ISTANBUL
Turchia

Sample Description POLYSTYRENE BOWLS

Sampling information

Sampled by Customer

ANALYTICAL RESULTS

	Value/Uncertain	Unit of measure	Reference values	References	LoQ	LoD	Start/end date of analysis	Op. units	Row
ON SAMPLE AS IT IS									
									1
MIGRATION IN AQUEOUS SOLUTION OF ACETIC ACID							07/11/2013- -19/11/2013	01	2
Met.: UNI EN 1186:2003									
CONDITIONS OF CONTACT									
Ratio surface area/volume	0,6							01	3
Type of contact	Filling (part 9)								4
Time	10	d (days)							5
Temperature	40	°C							6
Concentration	3,0	% w/v							7
									8
IN ACETIC ACID SIMULANT - MIGRATION									
Met.: UNI EN 1186:2003									
BARIUM	0,0041	mg/kg	<=1	Reg UE 10/11 (j)	0,0010	0,0005	06/11/2013- -21/11/2013	01	10
Met.: MP 1663 rev 3 2013									
COBALT	n.d.	mg/kg	<=0,05	Reg UE 10/11 (j)	0,0010	0,0005	06/11/2013- -21/11/2013	01	11
Met.: MP 1663 rev 3 2013									
IRON	0,0300	mg/kg	<=48	Reg UE 10/11 (j)	0,0010	0,0005	06/11/2013- -21/11/2013	01	12
Met.: MP 1663 rev 3 2013									
LITHIUM	traces	mg/kg	<=0,6	Reg UE 10/11 (j)	0,0010	0,0005	06/11/2013- -21/11/2013	01	13
Met.: MP 1663 rev 3 2013									
MANGANESE	0,00117	mg/kg	<=0,6	Reg UE 10/11 (j)	0,0010	0,0005	06/11/2013- -21/11/2013	01	14
Met.: MP 1663 rev 3 2013									
COPPER	n.d.	mg/kg	<=5	Reg UE 10/11 (j)	0,0010	0,0005	06/11/2013- -21/11/2013	01	15
Met.: MP 1663 rev 3 2013									
ZINC	0,0208	mg/kg	<=25	Reg UE 10/11 (j)	0,0010	0,0005	06/11/2013- -21/11/2013	01	16
Met.: MP 1663 rev 3 2013									
PRIMARY AROMATIC AMINES	n.d.	mg/kg	not detectable	Reg UE 10/11 (s)	0,0050	0,0020	07/11/2013- -18/11/2013	01	17
Met.: LMBG § 35 L 00 00 05 1-1999/COR 2002									

Supplement information

Row (10-16) - Reference: Reg UE 10/11 (j) = COMMISSION REGULATION (EU) No 10/2011 of 14 January 2011 G.U.U.E. n° L12 of 15 January 2011 - on plastic materials and articles intended to come into contact with food. Annex I table 1.

Row (17) - Reference: Reg UE 10/11 (s) = Regulation EU n° 10 of 14 January 2011 - European Union Official Gazette n° L12 of 15 January 2011 - on plastic materials and articles intended to come into contact with food. Annex II point 2. The reference establishes that the substance shall not migrate in detectable quantities (ND) applying a detection limit of substance 0,01 mg per kg food.

Operative units

Unit 01 : Via Fratta Resana (TV)

Compliance / non-compliance with the requirements and specifications

Row (10,11,12,13,14,15,16,17): the analytical results are IN ACCORDANCE with the indicated references.

The suitability of the sample for food contact is subordinated to the evaluation of the test results performed for this aim.

Therefore, it is possible to retain that the material, on tested conditions, is suitable to come into contact with the food that are simulated by the simulants which results of overall and specific migrations have resulted in accordance with the limits.

It is pointed out that food suitability has to be considered as valid provided that the used monomers, additives and technological adjuvants are admitted by the legislation in force, the possible overall and specific migrations limits are respected as well as the requisites established by the regulations EC 1935/2004 and EC 2023/2006.

Responsabile prove chimiche

Dott. Italo Commissati

Chimico
Ordine dei chimici - Provincia di Treviso
Iscrizione n. 221

Direttore laboratorio

Dott. Tiziano Conte

Chimico
Ordine dei chimici - Provincia di Treviso
Iscrizione n. 148

The line marked by a star (*) is not accredited by Accredia, member of MLA. - If not otherwise specified, the uncertainty is extended and has been calculated with a recovery factor $k=2$ corresponding to a probability interval of about 95%. - LoD is the detection limit and identifies a confidence interval of zero with a probability interval of about 95%. - LoQ is the limit of quantification. "n.d" is not detected and indicates a value inferior to the LoD. "traces (X)" means a value between LoD and LoQ, this value is indicative. "<x" or ">x" indicate inferior or superior to the measurement field of the test. - If not differently specified, the sums are calculated by lower bound criteria (L.B.). - Registration with the number 7 of the Regional List of the laboratories of the Regione Veneto which perform analyses as regards the procedures for the food safety in food industries, as reported in Annex A of DDIR n°70 of 16th January 2008 - If there is a specification (customer specifications, law limits) which has been compared to the analytical results, the values shown in bold indicate a result which is out of the specification. - If not differently specified the opinions and interpretations eventually reported are referred to analysed parameters and are based on the comparison of the value with the reference values without considering the confidence interval of measure.

TEST REPORT N. 13/000402468

date of issue 25/11/2013

Customer ID 0053426/002

Messrs
HI-PAS PLASTIK ESYA TIC. SAN
LTD. STI
SULEYMAN DEMIREL BULVARI
23 CADDE HESKOP SAN SIT S 1
BLOK ZEMIN 1-2 IKITELLI ORG.
SAN.
. BASAKSEHIR-ISTANBUL
Turchia

Sample information

Acceptance number 13.063069.0003

Delivered by UPS on 06/11/2013

Receiving Date 06/11/2013

Place of origin HI-PAS PLASTIK ESYA TIC. SAN LTD. STI SULEYMAN DEMIREL BULVARI 23 CADDE
HESKOP SAN SIT S 1 BLOK ZEMIN 1-2 IKITELLI ORG. SAN. . BASAKSEHIR-ISTANBUL
Turchia

Sample Description POLYSTYRENE BOWLS

Sampling information

Sampled by Customer

ANALYTICAL RESULTS

	Value/Uncertain	Unit of measure	Reference values	References	LcQ	LoD	Start/end date of analysis	Op. units	Row
ON SAMPLE AS IT IS									
MIGRATION IN OIL							07/11/2013-	01	2
Met.: UNI EN 1186:2003							-25/11/2013		
CONDITIONS OF CONTACT								01	3
Ratio surface area/volume	0,6								4
Type of contact	Filling (part 8)								5
Time	10	d (days)							6
Temperature	40	°C							7
IN OIL SIMULANT - MIGRATION									
Met.: UNI EN 1186:2003								01	8
BARIUM	0,0139	mg/kg	<=1	Reg UE 10/11 (I)	0,010	0,0050	08/11/2013-	01	9
Met.: MP 1663 rev 3 2013	±0,0071						-21/11/2013		
COBALT	traces	mg/kg	<=0,05	Reg UE 10/11 (I)	0,010	0,0050	08/11/2013-	01	10
Met.: MP 1663 rev 3 2013							-21/11/2013		
IRON	0,100±0,026	mg/kg	<=48	Reg UE 10/11 (I)	0,010	0,0050	08/11/2013-	01	11
Met.: MP 1663 rev 3 2013							-20/11/2013		
LITHIUM	n.d.	mg/kg	<=0,0	Reg UE 10/11 (I)	0,010	0,0050	08/11/2013-	01	12
Met.: MP 1663 rev 3 2013							-21/11/2013		
MANGANESE	0,0153	mg/kg	<=0,6	Reg UE 10/11 (I)	0,0010	0,0005	08/11/2013-	01	13
Met.: MP 1663 rev 3 2013	±0,0073					0	-21/11/2013		
COPPER	0,0138	mg/kg	<=5	Reg UE 10/11 (I)	0,010	0,0050	08/11/2013-	01	14
Met.: MP 1663 rev 3 2013	±0,0071						-21/11/2013		
ZINC	0,0139	mg/kg	<=25	Reg UE 10/11 (I)	0,010	0,0050	08/11/2013-	01	15
Met.: MP 1663 rev 3 2013	±0,0071						-21/11/2013		

Supplement information

Row (9-15) - Reference: Reg UE 10/11 (I) = COMMISSION REGULATION (EU) No 10/2011 of 14 January 2011 G.U.U.E. n° L12 of 15 January 2011 - on plastic materials and articles intended to come into contact with food. Annex I table 1.

Operative units

Unit 01 : Via Fratta Resana (TV)

Compliance / non-compliance with the requirements and specifications

Row (9,10,11,12,13,14,15): the analytical results are **IN ACCORDANCE** with the indicated references.
 The suitability of the sample for food contact is subordinated to the evaluation of the test results performed for this aim.
 Therefore, it is possible to retain that the material, on tested conditions, is suitable to come into contact with the food that are simulated by the simulants which results of overall and specific migrations have resulted in accordance with the limits.
 It is pointed out that food suitability has to be considered as valid provided that the used monomers, additives and technological adjuvants are admitted by the legislation in force, the possible overall and specific migrations limits are respected as well as the requisites established by the regulations EC 1935/2004 and EC 2023/2006.

Responsabile prove chimiche
Dott. Italo Commissati
Chimico Ordine dei chimici - Provincia di Treviso Iscrizione n. 221

Direttore laboratorio
Dott. Tiziano Conte
Chimico Ordine dei chimici - Provincia di Treviso Iscrizione n. 148

- The line marked by a star (*) is not accredited by Accredia, member of MLA. - If not otherwise specified, the uncertainty is extended and has been calculated with a recovery factor k=2 corresponding to a probability interval of about 95%. - LoD is the detection limit and identifies a confidence interval of zero with a probability interval of about 99%. - LoQ is the limit of quantification. "n.d" is not detected and indicates a value inferior to the LoD. "traces (x)" means a value between LoD and LoQ, this value is indicative. "<x" or ">x" indicate inferior or superior to the measurement field of the test. - If not differently specified, the sums are calculated by lower bound criteria (L.B.). - Registration with the number 7 of the Regional List of the laboratories of the Regione Veneto which perform analyses as regards the procedures for the food safety in food industries, as reported in Annex A of DDR n°73 of 15th January 2008 - If there is a specification (customer specifications, law limits) which has been compared to the analytical results, the values shown in bold indicate a result which is out of the specification. - If not differently specified the opinions and interpretations eventually reported are referred to analysed parameters and are based on the comparison of the value with the reference values without considering the confidence interval of measure.

TEST REPORT N. 13/000390248

date of issue 15/11/2013

Customer ID 0053426/002

Messrs
HI-PAS PLASTIK ESYA TIC. SAN
LTD. STI
SULEYMAN DEMIREL BULVARI
23 CADDE HESKOP SAN SIT S 1
BLOK ZEMIN 1-2 IKITELLI ORG.
SAN.
. BASAKSEHIR-ISTANBUL
Turchia

Sample information

Acceptance number 13.063069.0005

Delivered by UPS on 06/11/2013

Receiving Date 06/11/2013

Place of origin HI-PAS PLASTIK ESYA TIC. SAN LTD. STI SULEYMAN DEMIREL BULVARI 23 CADDE
HESKOP SAN SIT S 1 BLOK ZEMIN 1-2 IKITELLI ORG. SAN. . BASAKSEHIR-ISTANBUL
Turchia

Sample Description POLYSTYRENE BOWLS

Sampling information

Sampled by Customer

ANALYTICAL RESULTS

	Value/Uncertain	Unit of measure	LoQ	LoD	Start/end date of analysis	Op. units	Row
ON SAMPLE AS IT IS							
MIGRATION IN ISOCTANE					07/11/2013-	01	2
Mat.: UNI EN 1186:2003					-14/11/2013		
CONDITIONS OF CONTACT							
Ratio surface area/volume	0,6					01	3
Type of contact	Filling (part 14-6)						4
Time	2,0	d (days)					5
Temperature	20	°C					6
OVERALL MIGRATION							
Mat.: UNI EN 1186:2003					06/11/2013-	01	8
Overall migration 1st test	< LoQ	mg/dm ²	2,0		-14/11/2013		9
Overall migration 2nd test	< LoQ	mg/dm ²	2,0				10
Overall migration 3rd test	< LoQ	mg/dm ²	2,0				11
Medium overall migration	< LoQ	mg/dm ²	2,0				12

Operative units

Unit 01 : Via Fratta Resana (TV)

Responsabile prove chimiche
Dott. Italo Commissati
Chimico Ordine dei chimici - Provincia di Treviso Iscrizione n. 221

Direttore laboratorio
Dott. Tiziano Conte
Chimico Ordine dei chimici - Provincia di Treviso Iscrizione n. 148

- If not otherwise specified, the uncertainty is extended and has been calculated with a recovery factor k=2 corresponding to a probability interval of about 95%. - LoD is the detection limit and identifies a confidence interval of zero with a probability interval of about 99%. - LoQ is the limit of quantification. "n.d" is not detected and indicates a value inferior to the LoD. "traces (X)" means a value between LoD and LoQ, this value is indicative. "<x" or ">x" indicate inferior or superior to the measurement field of the test. - If not differently specified, the sums are calculated by lower bound criteria (L.B.). - Registration with the number 7 of the Regional List of the laboratories of the Regione Veneto which perform analyses as regards the procedures for the food safety in food industries, as reported in Annex A of DDR n°73 of 16th January 2008