

**Test Report No.: 68.431.21.05359.01**

**Dated: 2022-01-10**



**Applicant** : The Dream Farm Pty Ltd  
9 Amy Street, Albion QLD Australia

**Attention** : Ms. Dani Toeke

**Sample Description** : Spoon + Spoon Mini

**Product Type / End use** : Spoon

**Style No. / Name / Design No.** : DFSUXXXX

**Supplier** : The Dream Farm Pty Ltd

**Manufacturer** : Millennium Metal & Plastics / Hui Zi Yi Run Metal

**Country of Origin** : China

**Test Sample Receipt Date, Location** : 2021-12-17, Shenzhen

**Test Period, Location** : From 2021-12-20 to 2022-01-10, Shenzhen

**Test Result(s)** : Refer to Section 3

**Laboratory:**

TÜV SÜD Certification and Testing (China) Co., Ltd.  
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**Purpose Of Examination / Conclusion:**

<b>Test Requested:</b>	<b>As specified by client, to test per the selected requirement(s) for the tested item(s) as stated in the German Food &amp; Feed Acts LFGB (§ 30 &amp; 31) and Regulation (EC) No.1935/2004</b>
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<b>No.</b>	<b>Test Item(s)</b>	<b>Conclusion</b>
1	<b>Overall Migration</b>	Pass
2	<b>Specific Migration of PAA</b>	Pass
3	<b>Specific Migration of PAAs</b>	Pass
4	<b>Specific Migration of Heavy Metals</b>	Pass
5	<b>Specific Migration of Phthalates</b>	Pass
6	<b>Specific Migration of Formaldehyde</b>	Pass
7	<b>Specific Migration of Bisphenol A (BPA)</b>	Pass
8	<b>Specific Migration of Hexamethylenediamine (HMDA)</b>	Pass
9	<b>Extractable Components</b>	Pass
10	<b>Volatile Organic Matters</b>	Pass
11	<b>Peroxide</b>	Pass
12	<b>Total Platinum Content Test</b>	Pass
13	<b>Sensory Test</b> Test for compliance with German Food and Feed Acts LFGB Section 31 and Regulation (EC) No. 1935/2004 Article 3(1)	Pass

**Remarks:**

- (1) The results relate only to the items tested.
- (2) Samples are tested as received.
- (3) The test item and samples were specified by the client
- (4) "Pass" means the measured result is within a limit, even when extended by expanded uncertainty. "Fail" means the measured result is beyond a limit, even when extended by expanded uncertainty. "Inconclusive" means the measured result can be within or beyond a limit when extended by expanded uncertainty. The confidence level of the expanded uncertainty for "Pass", "Fail" and "Inconclusive" is 95%.

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TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch  
TÜV SÜD Group

Prepared by:

Reviewed by:

*Cara*



*Ken*

Cara Xiang  
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Ken Chen  
Project Manager

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1. Description of the Submitted Sample:

Sample Description	Supoon + Supoon Mini
A photograph showing ten spoons and mini spoons arranged in two rows. The top row contains five larger spoons with handles in blue, yellow, white, purple, and red. The bottom row contains five smaller mini spoons with handles in black, grey, orange, green, and blue. A ruler is placed below the spoons for scale. The background is a solid blue color.	



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2. List of Materials as identified by the Laboratory:

T. No.	Sample No.	Colour and Description	Photograph
T1	001	Black Nylon + PA66 plastic (Functional head)	
T2	002	Deep blue silicone (Functional head)	
T3	003	Whole product (Spoon)	

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**3. Test Result**

**3.1 Overall Migration**

Test method: As specified in Regulation (EU) No. 10/2011 ANNEX III and V, test with reference to:  
 EN 1186-1:2002(Guide to the selection of conditions and test methods for overall migration)  
 EN 1186-3:2002 (Total Immersion method)  
 EN 1186-14:2002 (Substitute Test method)  
 [Reporting Limit: 3mg/dm<sup>2</sup>]

TEST ITEM	TEST CONDITIONS	RESULTS [mg/dm <sup>2</sup> ]			LIMIT [mg/dm <sup>2</sup> ]
		SAMPLE 001 1 <sup>st</sup> Migration	SAMPLE 001 2 <sup>nd</sup> Migration	SAMPLE 001 3 <sup>rd</sup> Migration	
3% Acetic acid	100°C for 4 Hours	ND	ND	ND	<10
10% Ethanol	100°C for 4 Hours	4.2	ND	ND	<10
95% Ethanol	60°C for 7 Hours	ND	ND	ND	<10
Isooctane	60°C for 3 Hours	ND	ND	ND	<10
<b>Conclusion:</b>		Pass*			--

Note 1. "°C" denotes degree Celsius

2. "<" denotes less than

3. "mg/dm<sup>2</sup>" denotes milligram per square decimeter

4. "ND" denotes below the Report Limit

5. The specification was quoted from Regulation (EU) No. 10/2011 and its amendments

6. "\*" denotes the results of second migration should lower than first migration, the result of third migration should lower than second migration.

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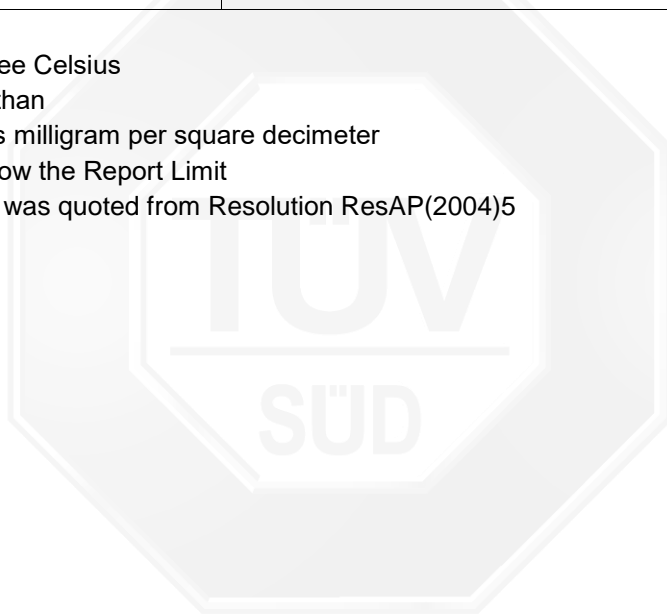


**3.1 Overall Migration**

Test method: As specified in Resolution ResAP(2004)5 then test with reference to:  
 EN 1186-1:2002(Guide to the selection of conditions and test methods for overall migration)  
 EN 1186-2:2002(Oil by Total Immersion method)  
 EN 1186-3:2002 (Total Immersion method)  
 EN 1186-14:2002 (Substitute Test method)  
 [Reporting Limit: 3mg/dm<sup>2</sup>]

TEST ITEM	TEST CONDITIONS	RESULTS [mg/dm <sup>2</sup> ]	LIMIT [mg/dm <sup>2</sup> ]
		SAMPLE 002 3 <sup>rd</sup> Migration	
3% Acetic acid	100°C for 4 Hours	ND	<10
10% Ethanol	100°C for 4 Hours	ND	<10
Rectified olive oil	100°C for 4 Hours	8.5	<10
<b>Conclusion:</b>		Pass	--

- Note 1. "°C" denotes degree Celsius  
 2. "<" denotes less than  
 3. "mg/dm<sup>2</sup>" denotes milligram per square decimeter  
 4. "ND" denotes below the Report Limit  
 5. The specification was quoted from Resolution ResAP(2004)5





### 3.2 Specific Migration of PAA

Test method: with reference to EN 13130-1:2004, follow by Ultraviolet and visible spectrophotometry (UV-Vis).

Test Conditions: 3% Acetic acid: 100 °C for 2 Hours

TEST ITEM	RESULT [mg/kg]			REPORT LIMIT [mg/kg]	LIMIT [mg/kg]
	SAMPLE 001 1 <sup>st</sup> Migration	SAMPLE 001 2 <sup>nd</sup> Migration	SAMPLE 001 3 <sup>rd</sup> Migration		
Primary Aromatic Amine-Trial 1	ND	ND	ND	<0.01	<0.01
Primary Aromatic Amine-Trial 2	ND	ND	ND	<0.01	<0.01
Primary Aromatic Amine-Trial 3	ND	ND	ND	<0.01	<0.01
<b>Conclusion:</b>	Pass	Pass	Pass	--	--

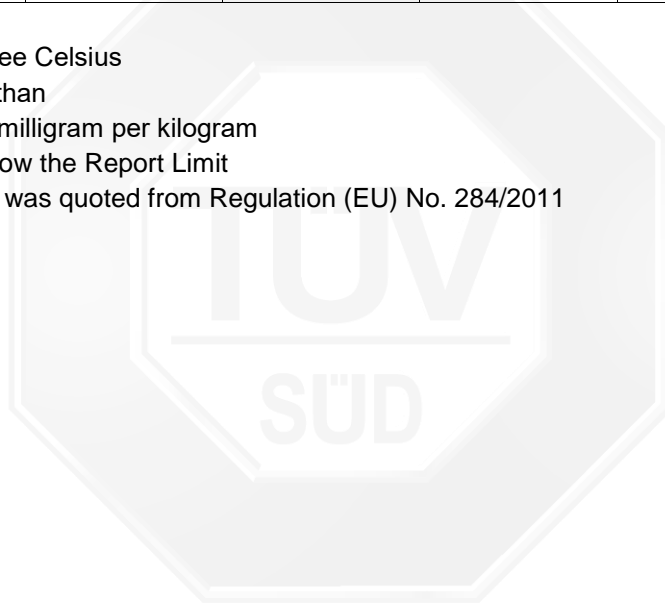
Note 1. "°C" denotes degree Celsius

2. "<" denotes less than

3. "mg/kg" denotes milligram per kilogram

4. "ND" denotes below the Report Limit

5. The specification was quoted from Regulation (EU) No. 284/2011



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### 3.3 Specific Migration of PAAs

Test method: with reference to EN 13130-1:2004, follow by Liquid chromatography tandem mass spectrometer (LC-MS/MS). [Reporting Limit:0.002 mg/kg]

Test Conditions: 3% Acetic Acid: 100 °C for 2 Hours

TEST ITEM	RESULTS [mg/kg foodstuff]			LIMIT [mg/kg]
	SAMPLE 001 1 <sup>st</sup> Migration	SAMPLE 001 2 <sup>nd</sup> Migration	SAMPLE 001 3 <sup>rd</sup> Migration	
4-Aminobiphenyl (4-ABP)-Trial 1	ND	ND	ND	<0.002
4-Aminobiphenyl (4-ABP)-Trial 2	ND	ND	ND	<0.002
4-Aminobiphenyl (4-ABP)-Trial 3	ND	ND	ND	<0.002
Aniline (ANL)-Trial 1	ND	ND	ND	<0.002
Aniline (ANL)-Trial 2	ND	ND	ND	<0.002
Aniline (ANL)-Trial 3	ND	ND	ND	<0.002
o-Anisidine (o-ASD)-Trial 1	ND	ND	ND	<0.002
o-Anisidine (o-ASD)-Trial 2	ND	ND	ND	<0.002
o-Anisidine (o-ASD)-Trial 3	ND	ND	ND	<0.002
Benzidine (BNZ)-Trial 1	ND	ND	ND	<0.002
Benzidine (BNZ)-Trial 2	ND	ND	ND	<0.002
Benzidine (BNZ)-Trial 3	ND	ND	ND	<0.002
4-Chloro-Aniline (4-CA)-Trial 1	ND	ND	ND	<0.002
4-Chloro-Aniline (4-CA)-Trial 2	ND	ND	ND	<0.002
4-Chloro-Aniline (4-CA)-Trial 3	ND	ND	ND	<0.002
4-Chloro-o-Toluidine (4-CoT)-Trial 1	ND	ND	ND	<0.002
4-Chloro-o-Toluidine (4-CoT)-Trial 2	ND	ND	ND	<0.002
4-Chloro-o-Toluidine (4-CoT)-Trial 3	ND	ND	ND	<0.002
2,4-Dimethylaniline (2,4-DMA)-Trial 1	ND	ND	ND	<0.002
2,4-Dimethylaniline (2,4-DMA)-Trial 2	ND	ND	ND	<0.002
2,4-Dimethylaniline (2,4-DMA)-Trial 3	ND	ND	ND	<0.002
4,4'-Diaminodiphenylether (4,4'-DPE)-Trial 1	ND	ND	ND	<0.002
4,4'-Diaminodiphenylether (4,4'-DPE)-Trial 2	ND	ND	ND	<0.002
4,4'-Diaminodiphenylether (4,4'-DPE)-Trial 3	ND	ND	ND	<0.002
4,4*-Methylenedianiline (4,4*-MDA)-Trial 1	ND	ND	ND	<0.002
4,4*-Methylenedianiline (4,4*-MDA)-Trial 2	ND	ND	ND	<0.002
4,4*-Methylenedianiline (4,4*-MDA)-Trial 3	ND	ND	ND	<0.002
4,4'-Methylenedi-o-toluidine (4,4'-MDoT)-Trial 1	ND	ND	ND	<0.002
4,4'-Methylenedi-o-toluidine (4,4'-MDoT)-Trial 2	ND	ND	ND	<0.002
4,4'-Methylenedi-o-toluidine (4,4'-MDoT)-Trial 3	ND	ND	ND	<0.002
2-Methoxy-5-Methylaniline (2-M-5-MA)-Trial 1	ND	ND	ND	<0.002

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TEST ITEM	RESULTS [mg/kg foodstuff]			LIMIT [mg/kg]
	SAMPLE 001 1 <sup>st</sup> Migration	SAMPLE 001 2 <sup>nd</sup> Migration	SAMPLE 001 3 <sup>rd</sup> Migration	
2-Methoxy-5-Methylaniline (2-M-5-MA)-Trial 2	ND	ND	ND	<0.002
2-Methoxy-5-Methylaniline (2-M-5-MA)-Trial 3	ND	ND	ND	<0.002
m-Phenylenediamine (m-PDA)-Trial 1	ND	ND	ND	<0.002
m-Phenylenediamine (m-PDA)-Trial 2	ND	ND	ND	<0.002
m-Phenylenediamine (m-PDA)-Trial 3	ND	ND	ND	<0.002
4-Methoxy-mphenylenediamine (4-M-mPDA)-Trial 1	ND	ND	ND	<0.002
4-Methoxy-mphenylenediamine (4-M-mPDA)-Trial 2	ND	ND	ND	<0.002
4-Methoxy-mphenylenediamine (4-M-mPDA)-Trial 3	ND	ND	ND	<0.002
o-Toluidine (o-T)-Trial 1	ND	ND	ND	<0.002
o-Toluidine (o-T)-Trial 2	ND	ND	ND	<0.002
o-Toluidine (o-T)-Trial 3	ND	ND	ND	<0.002
2,4-Toluenediamine (2,4-TDA)-Trial 1	ND	ND	ND	<0.002
2,4-Toluenediamine (2,4-TDA)-Trial 2	ND	ND	ND	<0.002
2,4-Toluenediamine (2,4-TDA)-Trial 3	ND	ND	ND	<0.002
3,3-Dimethylbenzidine (3,3-DMB)-Trial 1	ND	ND	ND	<0.002
3,3-Dimethylbenzidine (3,3-DMB)-Trial 2	ND	ND	ND	<0.002
3,3-Dimethylbenzidine (3,3-DMB)-Trial 3	ND	ND	ND	<0.002
2,4,5-Trimethylaniline (2,4,5-TMA)-Trial 1	ND	ND	ND	<0.002
2,4,5-Trimethylaniline (2,4,5-TMA)-Trial 2	ND	ND	ND	<0.002
2,4,5-Trimethylaniline (2,4,5-TMA)-Trial 3	ND	ND	ND	<0.002
2,6-Toluenediamine (2,6-TDA)-Trial 1	ND	ND	ND	<0.002
2,6-Toluenediamine (2,6-TDA)-Trial 2	ND	ND	ND	<0.002
2,6-Toluenediamine (2,6-TDA)-Trial 3	ND	ND	ND	<0.002
2,6-Dimethylaniline (2,6-DMA)-Trial 1	ND	ND	ND	<0.002
2,6-Dimethylaniline (2,6-DMA)-Trial 2	ND	ND	ND	<0.002
2,6-Dimethylaniline (2,6-DMA)-Trial 3	ND	ND	ND	<0.002
p-Phenylenediamine (p-PDA)-Trial 1	ND	ND	ND	<0.002
p-Phenylenediamine (p-PDA)-Trial 2	ND	ND	ND	<0.002
p-Phenylenediamine (p-PDA)-Trial 3	ND	ND	ND	<0.002
1,5-Diaminenaphthalene (1,5-DAN)-Trial 1	ND	ND	ND	<0.002
1,5-Diaminenaphthalene (1,5-DAN)-Trial 2	ND	ND	ND	<0.002
1,5-Diaminenaphthalene (1,5-DAN)-Trial 3	ND	ND	ND	<0.002
2-naphthylamine-Trial 1	ND	ND	ND	<0.002
2-naphthylamine-Trial 2	ND	ND	ND	<0.002
2-naphthylamine-Trial 3	ND	ND	ND	<0.002

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TEST ITEM	RESULTS [mg/kg foodstuff]			LIMIT [mg/kg]
	SAMPLE 001 1 <sup>st</sup> Migration	SAMPLE 001 2 <sup>nd</sup> Migration	SAMPLE 001 3 <sup>rd</sup> Migration	
o-aminoazotoluene-Trial 1	ND	ND	ND	<0.002
o-aminoazotoluene-Trial 2	ND	ND	ND	<0.002
o-aminoazotoluene-Trial 3	ND	ND	ND	<0.002
5-nitro-o-toluidine-Trial 1	ND	ND	ND	<0.002
5-nitro-o-toluidine-Trial 2	ND	ND	ND	<0.002
5-nitro-o-toluidine-Trial 3	ND	ND	ND	<0.002
3,3'-dichlorobenzidine-Trial 1	ND	ND	ND	<0.002
3,3'-dichlorobenzidine-Trial 2	ND	ND	ND	<0.002
3,3'-dichlorobenzidine-Trial 3	ND	ND	ND	<0.002
3,3'-dimethoxybenzidine-Trial 1	ND	ND	ND	<0.002
3,3'-dimethoxybenzidine-Trial 2	ND	ND	ND	<0.002
3,3'-dimethoxybenzidine-Trial 3	ND	ND	ND	<0.002
4,4'-methylene-bis-(2-chloro-aniline)-Trial 1	ND	ND	ND	<0.002
4,4'-methylene-bis-(2-chloro-aniline)-Trial 2	ND	ND	ND	<0.002
4,4'-methylene-bis-(2-chloro-aniline)-Trial 3	ND	ND	ND	<0.002
4,4'-thiodianiline-Trial 1	ND	ND	ND	<0.002
4,4'-thiodianiline-Trial 2	ND	ND	ND	<0.002
4,4'-thiodianiline-Trial 3	ND	ND	ND	<0.002
4-amino azobenzene-Trial 1	ND	ND	ND	<0.002
4-amino azobenzene-Trial 2	ND	ND	ND	<0.002
4-amino azobenzene-Trial 3	ND	ND	ND	<0.002
<b>Conclusion:</b>	Pass	Pass	Pass	--

Note 1. "°C" denotes degree Celsius

2. "<" denotes less than

3. "mg/kg" denotes milligram per kilogram

4. "ND" denotes below the Report Limit

5. The specification was quoted from Regulation (EU) No. 284/2011

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### 3.4 Specific Migration of Heavy Metals

Test method: with reference to EN 13130-1:2004, follow by Inductively Coupled Plasma Mass Spectrometry (ICP-MS).

Test Conditions: 3% Acetic Acid: 100 °C for 2 Hours

TEST ITEM	RESULT [mg/kg foodstuff]			REPORT LIMIT [mg/kg]	LIMIT [mg/kg]
	SAMPLE 001 1 <sup>st</sup> Migration	SAMPLE 001 2 <sup>nd</sup> Migration	SAMPLE 001 3 <sup>rd</sup> Migration		
Aluminium (Al)	ND	ND	ND	<0.1	<1
Antimony (Sb)	ND	ND	ND	<0.01	<0.04
Arsenic (As)	ND	ND	ND	<0.01	<0.01
Barium (Ba)	ND	ND	ND	<0.1	<1
Cadmium (Cd)	ND	ND	ND	<0.002	<0.002
Chromium (Cr)	ND	ND	ND	<0.01	<0.01
Cobalt (Co)	ND	ND	ND	<0.05	<0.05
Copper (Cu)	ND	ND	ND	<0.5	<5
Iron (Fe)	ND	ND	ND	<1.0	<48
Lead (Pb)	ND	ND	ND	<0.01	<0.01
Lithium (Li)	ND	ND	ND	<0.1	<0.6
Manganese (Mn)	ND	ND	ND	<0.05	<0.6
Mercury (Hg)	ND	ND	ND	<0.01	<0.01
Nickel (Ni)	ND	ND	ND	<0.01	<0.02
Zinc (Zn)	ND	ND	ND	<1.0	<5
<b>Sum of Eu, Gd, La, Tb</b>	ND	ND	ND	<0.04	<0.05
<b>Conclusion:</b>	Pass*			--	--

Note 1. "°C" denotes degree Celsius

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3. "mg/kg" denotes milligram per kilogram

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5. The specification was quoted from Regulation (EU) No. 10/2011 and its amendments

6. "\*" denotes the results of second migration should lower than first migration, the result of third migration should lower than second migration.

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### 3.5 Specific Migration of Phthalates

Test method: As specified in Regulation (EU) No. 10/2011 ANNEX III and V, and followed by gas chromatography/Mass Spectrometry (GC-MS) analysis.

Test Conditions: 95% Ethanol: 60 °C for 3.5 Hours

TEST ITEM	RESULT [mg/kg foodstuff]	REPORT LIMIT [mg/kg]	LIMIT [mg/kg]
	SAMPLE 002 3 <sup>rd</sup> Migration		
Dibutyl phthalate (DBP)	ND	<0.30	0.3
benzyl butyl phthalate (BBP)	ND	<1.0	30
Bis (2-ethylhexyl) phthalate (DEHP)	ND	<0.30	1.5
adipic acid, bis(2-ethylhexyl) ester (DEHA)	ND	<1.0	18
Bis(2-Ethylhexyl) Terephthalate (DEHTP)	ND	<1.0	60
DINP+DIDP	ND	<2.0	9
<b>Conclusion:</b>	Pass	--	--

Note 1. "°C" denotes degree Celsius

2. "<" denotes less than

3. "mg/kg" denotes milligram per kilogram

4. "ND" denotes below the Report Limit

5. The specification was quoted from Regulation (EU) No. 10/2011 and its amendments

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### 3.5 Specific Migration of Phthalates

Test method: As specified in Regulation (EU) No. 10/2011 ANNEX III and V, and followed by gas chromatography/Mass Spectrometry (GC-MS) analysis.

Test Conditions: Isooctane: 60 °C for 1.5 Hours

TEST ITEM	RESULT [mg/kg foodstuff]	REPORT LIMIT [mg/kg]	LIMIT [mg/kg]
	SAMPLE 002 3 <sup>rd</sup> Migration		
Dibutyl phthalate (DBP)	ND	<0.30	0.3
benzyl butyl phthalate (BBP)	ND	<1.0	30
Bis (2-ethylhexyl) phthalate (DEHP)	ND	<0.30	1.5
adipic acid, bis(2-ethylhexyl) ester (DEHA)	ND	<1.0	18
Bis(2-Ethylhexyl) Terephthalate (DEHTP)	ND	<1.0	60
DINP+DIDP	ND	<2.0	9
<b>Conclusion:</b>	Pass	--	--

Note 1. "°C" denotes degree Celsius

2. "<" denotes less than

3. "mg/kg" denotes milligram per kilogram

4. "ND" denotes below the Report Limit

5. The specification was quoted from Regulation (EU) No. 10/2011 and its amendments

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**3.6 Specific Migration of Formaldehyde**

Test method: with reference to EN 13130-1:2004 and CEN/TS 13130-23:2005, followed by Ultraviolet and visible spectrophotometry (UV-Vis).

Test Conditions: 3% Acetic Acid: 100 °C for 2 Hours

TEST ITEM	RESULT [mg/kg foodstuff]		REPORT LIMIT [mg/kg]	LIMIT [mg/kg]
	SAMPLE 002 3 <sup>rd</sup> Migration			
Formaldehyde	ND		<5.0	15
<b>Conclusion:</b>	Pass		--	--

- Note 1. "°C" denotes degree Celsius  
 2. "<" denotes less than  
 3. "mg/kg" denotes milligram per kilogram  
 4. "ND" denotes below the Report Limit  
 5. The specification was quoted from Resolution ResAP(2004)5

**3.7 Specific Migration of Bisphenol A (BPA)**

Test method: As specified in Regulation (EU) No. 10/2011 ANNEX III and V, and followed by High Performance Liquid Chromatography (HPLC).

Test Conditions: 95% Ethanol: 60 °C for 3.5 Hours

TEST ITEM	RESULT [mg/kg foodstuff]			REPORT LIMIT [mg/kg]	LIMIT [mg/kg]
	SAMPLE 001 1 <sup>st</sup> Migration	SAMPLE 001 2 <sup>nd</sup> Migration	SAMPLE 001 3 <sup>rd</sup> Migration		
Bisphenol A	ND	ND	ND	<0.01	0.05
<b>Conclusion:</b>	Pass*			--	--

- Note 1. "°C" denotes degree Celsius  
 2. "<" denotes less than  
 3. "mg/kg" denotes milligram per kilogram  
 4. "ND" denotes below the Report Limit  
 5. The specification was quoted from Regulation (EU) No. 10/2011 and its amendments Regulation(EU)2018/213  
 6. "\*" denotes the results of second migration should lower than first migration, the result of third migration should lower than second migration.

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### 3.8 Specific Migration of Hexamethylenediamine (HMDA)

Test method: with reference to EN 13130-1 and CEN/TS 13130-21, follow by Gas Chromatography Mass Spectrometry (GC-MS).

Test Conditions: 3% Acetic Acid: 100 °C for 2 Hours

TEST ITEM	RESULT [mg/kg foodstuff]			REPORT LIMIT [mg/kg]	LIMIT [mg/kg]
	SAMPLE 001 1 <sup>st</sup> Migration	SAMPLE 001 2 <sup>nd</sup> Migration	SAMPLE 001 3 <sup>rd</sup> Migration		
Hexamethylenediamine	ND	ND	ND	<0.2	2.4
<b>Conclusion:</b>	Pass*			--	--

Note 1. "°C" denotes degree Celsius

2. "<" denotes less than

3. "mg/kg" denotes milligram per kilogram

4. "ND" denotes below the Report Limit

5. The specification was quoted from Regulation (EU) No. 10/2011 and its amendments

6. "\*" denotes the results of second migration should lower than first migration, the result of third migration should lower than second migration.

### 3.9 Extractable Components

Test method: With reference to Bundesgesundheitsbl 46(2003)362 and followed by gravimetric method.

TEST ITEM	TEST CONDITIONS	RESULT [%]	MAXIMUM PERMISSIBLE LIMIT [%]
		SAMPLE 002	
Distilled Water	Reflux for 5 hours	<0.10	0.5
3% Acetic acid	Reflux for 5 hours	<0.10	0.5
10% Ethanol	Reflux for 5 hours	<0.10	0.5
<b>Conclusion</b>		Pass	-

Note:

- "%" denotes percentage by weight

- "<" denotes less than

- The specification was quoted from Recommendation of the BfR "Kunststoffe im Lebensmittelverkehr" Part XV "Silicone"

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### 3.10 Volatile Organic Matters

Test Method: With reference to Bundesgesundheitsbl 46 (2003) 362.

Test Conditions: 200 °C for 4 Hours

TEST ITEM	RESULT [%]	MAXIMUM PERMISSIBLE LIMIT [%]
	SAMPLE 002	
Volatile Organic Matters	0.10	<0.5
<b>Conclusion</b>	Pass	-

Note 1. "<" denotes less than

2. "%" denotes percent by weight

3. The specification was quoted from Recommendation of the BfR "Kunststoffe im Lebensmittelverkehr" Part XV "Silicones".

### 3.11 Peroxide

Test method : With reference to 58th Communication on the testing of plastics, Bundesgesundheitsbl. 40 (1997) 412.

TEST ITEM	RESULTS		MAXIMUM PERMISSIBLE LIMIT
	SAMPLE 001	SAMPLE 002	
Peroxide Value	Absent	Absent	Absent
<b>Conclusion</b>	Pass	Pass	-

Note:

- The specification was quoted from Recommendation of the BfR "Kunststoffe im Lebensmittelverkehr Part XV and Part VI

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**3.12 Total Platinum Content Test**

Test method: Microwave digestion, followed by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).

TEST ITEM	RESULTS [mg/kg]	MAXIMUM PERMISSIBLE LIMIT [mg/kg]
	SAMPLE 002	
Platinum (Pt)	<15.0	<50
<b>Conclusion</b>	Pass	-

- Note 1. "<" denotes less than  
 2. "mg/kg" denotes milligram per kilogram  
 3. The specification was quoted from Recommendation of the BfR "Kunststoffe im Lebensmittelverkehr" PartXV "Silicone".

**3.13 Sensory Test**

Test for compliance with German Food and Feed Acts LFGB Section 31 and Regulation (EC) No. 1935/2004 Article 3(1)

Test method: With reference to DIN 10955:2004.

The submitted sample was treated with below test conditions. After this treatment, treated food simulant was examined by panels with regard to any divergence in smell and taste.

Test Item	Test Conditions	Grade Results	Recommend Level
		Sample 003	
Transfer of smell	Distilled water: 100°C for 2 Hours	1	<2.5
Transfer of taste	Distilled water: 100°C for 2 Hours	1	<2.5
<b>Conclusion</b>		Pass	-

Note:

- Explanation for grading are listed as below:
  - Grade 0 : No perceptible taste/smell deviation
  - Grade 1 : Just perceptible taste/smell deviation
  - Grade 2 : Weak taste/smell deviation
  - Grade 3 : Clear taste/smell deviation
  - Grade 4 : Strong taste/smell deviation

-- END OF TEST REPORT--