

## Test Report

No. CANEC2102018201

Date: 15 Mar 2021

Page 1 of 16

XIAMEN YEASINCERE INDUSTRIAL CORPORATION

NO.58 FENGLING RD2, CHENGNAN INDUSTRIAL ZONE, TONG`AN DISTRICT, XIAMEN CITY, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : zipper bags

SGS Job No. : 21511558 - XM

Model No. : ZB-M

Client Ref. Info. : Vacuum bags, Vacuum bag rolls. ZB-S, ZB-L, ZB-76-88, ZB-106-115, VB-0812, VB-1116, VB2030, VB2230, VB1625, VB2840, VB2028, VB2535, VB2836, BR2205, BR2805, BR2203, BR2803, BR2015, BR2815, BR-0860, BR-1160, BR-0860-1160

Date of Sample Received : 02 Feb 2021

Testing Period : 02 Feb 2021 - 12 Mar 2021

Test Requested : Selected test(s) as requested by client.

Test Method : Please refer to next page(s).

Test Results : Please refer to next page(s).



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# Test Report

No. CANEC2102018201

Date: 15 Mar 2021

Page 2 of 16

## Result Summary :

Test Requested	Conclusion
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation –Extractable components	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments–Sensorial examination odour and taste test	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments,(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation and BfR recommendation–Specific Migration of Primary Aromatic Amine-Specific migration of primary aromatic amine (individual)	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments,(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation and BfR recommendation– Overall migration	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments,(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation and BfR recommendation –Specific Migration of Heavy Metal	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments, European Commission Regulation (EU) No 10/2011 with amendments and BfR recommendation–Lead and Cadmium	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation–Volatile organic matter (VOM)	PASS
Verification for label claim validity - Bisphenol A free by Total Content of Bisphenol A	PASS
Polycyclic Aromatic Hydrocarbons (PAHs)	PASS



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## Test Report

No. CANEC2102018201

Date: 15 Mar 2021

Page 3 of 16

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

*Ivy Ren*

Ivy Ren  
Approved Signatory



CANEC2102018201



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## Test Report

No. CANEC2102018201

Date: 15 Mar 2021

Page 4 of 16

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN21-020182.001	Translucent silicone stopper	Silicone
SN2	CAN21-020182.002	Translucent plastic bag	PA+PE

**Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation –Extractable components**

Test Method : With reference to 61. Mitteilung über die Untersuchung von Kunststoffen, Bundesgesundheitsbl 46 (2003) 362.

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001</u>	<u>Comment</u>
Distilled water	240.0hr(s)	40°C	0.5%(w/w)	<0.1%(w/w)	PASS
3% Acetic Acid (W/V) Aqueous Solution	240.0hr(s)	40°C	0.5%(w/w)	<0.1%(w/w)	PASS
10% Ethanol (V/V) Aqueous Solution	240.0hr(s)	40°C	0.5%(w/w)	<0.1%(w/w)	PASS

Notes :

%w/w = percentage of weight by weight

**Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments– Sensorial examination odour and taste test**

Test Method : With reference to DIN10955:2004,direct contact method.  
No.of panelist:6

<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>	<u>002</u>
Test media	-	Distilled water	Distilled water
Test Temperature (°C)	-	40	40
Test time (hr)	-	240	240
Sensorial examination odour (Point scale)	2.5	0.0	0.0
Sensorial examination taste (Point scale)	2.5	0.0	0.0
Comment		PASS	PASS



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## Test Report

No. CANEC2102018201

Date: 15 Mar 2021

Page 5 of 16

### Notes :

Intensity scale (rounded at 0.5):

- 0 – no perceptible difference
- 1 – just perceptible difference
- 2 – slight difference
- 3 – marked difference
- 4 – strong difference

**Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation and BfR recommendation– Specific Migration of Primary Aromatic Amine–Specific migration of primary aromatic amine (individual)**

Test Method : With reference to EN 13130-1:2004, analysis was performed by LC-MS-MS.

### Sample 002

Simulant Used : 3% Acetic acid (W/V) aqueous solution

Test Condition : 40 °C 240.0 hr(s)

Test Item(s)	CAS NO.	Max. Permissible Limit	Unit	MDL	Test result
Migration times		-	-	-	1st
Area/Volume		-	dm <sup>2</sup> /kg	-	10
2-Anisidine	90-04-0	-	mg/kg	0.002	ND
4,4'-Benzidine	92-87-5	-	mg/kg	0.002	ND
4,4'-Methylene-bis(2-chloroaniline)	101-14-4	-	mg/kg	0.002	ND
4,4'-Diaminodiphenylmethane	101-77-9	-	mg/kg	0.002	ND
4,4'-Oxydianiline	101-80-4	-	mg/kg	0.002	ND
4-Chloroaniline	106-47-8	-	mg/kg	0.002	ND
3,3'-Dimethoxybenzidine	119-90-4	-	mg/kg	0.002	ND
3,3'-Dimethylbenzidine	119-93-7	-	mg/kg	0.002	ND
2-Methoxy-5-methylaniline	120-71-8	-	mg/kg	0.002	ND
2,4,5-Trimethylaniline	137-17-7	-	mg/kg	0.002	ND
4,4'-Thiodianiline	139-65-1	-	mg/kg	0.002	ND
4-Aminoazobenzene	60-09-3	-	mg/kg	0.002	ND
2,4-Diaminoanisole	615-05-4	-	mg/kg	0.002	ND
4,4'-Diamino-3,3'-dimethyldiphenyl methane	838-88-0	-	mg/kg	0.002	ND
2-Naphthylamine	91-59-8	-	mg/kg	0.002	ND
3,3'-Dichlorobenzidine	91-94-1	-	mg/kg	0.002	ND
4-Aminobiphenyl	92-67-1	-	mg/kg	0.002	ND



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## Test Report

No. CANEC2102018201

Date: 15 Mar 2021

Page 6 of 16

2-Toluidine	95-53-4	-	mg/kg	0.002	ND
4-Chloro-2-methylaniline	95-69-2	-	mg/kg	0.002	ND
2,4-Diaminotoluene	95-80-7	-	mg/kg	0.002	ND
2-Aminoazotoluene	97-56-3	-	mg/kg	0.002	ND
2-Amino-4-nitrotoluene	99-55-8	-	mg/kg	0.002	ND
1,3-Phenylenediamine	108-45-2	-	mg/kg	0.002	ND

### Sample 002

Test Item(s)	CAS NO.	Max. Permissible Limit	Unit	MDL	Test result
Migration times		-	-	-	2nd
Area/Volume		-	dm <sup>2</sup> /kg	-	10
2-Anisidine	90-04-0	-	mg/kg	0.002	ND
4,4'-Benzidine	92-87-5	-	mg/kg	0.002	ND
4,4'-Methylene-bis(2-chloroaniline)	101-14-4	-	mg/kg	0.002	ND
4,4'-Diaminodiphenylmethane	101-77-9	-	mg/kg	0.002	ND
4,4'-Oxydianiline	101-80-4	-	mg/kg	0.002	ND
4-Chloroaniline	106-47-8	-	mg/kg	0.002	ND
3,3'-Dimethoxybenzidine	119-90-4	-	mg/kg	0.002	ND
3,3'-Dimethylbenzidine	119-93-7	-	mg/kg	0.002	ND
2-Methoxy-5-methylaniline	120-71-8	-	mg/kg	0.002	ND
2,4,5-Trimethylaniline	137-17-7	-	mg/kg	0.002	ND
4,4'-Thiodianiline	139-65-1	-	mg/kg	0.002	ND
4-Aminoazobenzene	60-09-3	-	mg/kg	0.002	ND
2,4-Diaminoanisole	615-05-4	-	mg/kg	0.002	ND
4,4'-Diamino-3,3'-dimethyldiphenyl methane	838-88-0	-	mg/kg	0.002	ND
2-Naphthylamine	91-59-8	-	mg/kg	0.002	ND
3,3'-Dichlorobenzidine	91-94-1	-	mg/kg	0.002	ND
4-Aminobiphenyl	92-67-1	-	mg/kg	0.002	ND
2-Toluidine	95-53-4	-	mg/kg	0.002	ND
4-Chloro-2-methylaniline	95-69-2	-	mg/kg	0.002	ND
2,4-Diaminotoluene	95-80-7	-	mg/kg	0.002	ND
2-Aminoazotoluene	97-56-3	-	mg/kg	0.002	ND
2-Amino-4-nitrotoluene	99-55-8	-	mg/kg	0.002	ND
1,3-Phenylenediamine	108-45-2	-	mg/kg	0.002	ND

### Sample 002



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No. CANEC2102018201

Date: 15 Mar 2021

Page 7 of 16

Test Item(s)	CAS NO.	Max. Permissible Limit	Unit	MDL	Test result
Migration times		-	-	-	3rd
Area/Volume		-	dm <sup>2</sup> /kg	-	10
2-Anisidine	90-04-0	0.002	mg/kg	0.002	ND
4,4'-Benzidine	92-87-5	0.002	mg/kg	0.002	ND
4,4'-Methylene-bis(2-chloroaniline)	101-14-4	0.002	mg/kg	0.002	ND
4,4'-Diaminodiphenylmethane	101-77-9	0.002	mg/kg	0.002	ND
4,4'-Oxydianiline	101-80-4	0.002	mg/kg	0.002	ND
4-Chloroaniline	106-47-8	0.002	mg/kg	0.002	ND
3,3'-Dimethoxybenzidine	119-90-4	0.002	mg/kg	0.002	ND
3,3'-Dimethylbenzidine	119-93-7	0.002	mg/kg	0.002	ND
2-Methoxy-5-methylaniline	120-71-8	0.002	mg/kg	0.002	ND
2,4,5-Trimethylaniline	137-17-7	0.002	mg/kg	0.002	ND
4,4'-Thiodianiline	139-65-1	0.002	mg/kg	0.002	ND
4-Aminoazobenzene	60-09-3	0.002	mg/kg	0.002	ND
2,4-Diaminoanisole	615-05-4	0.002	mg/kg	0.002	ND
4,4'-Diamino-3,3'-dimethyldiphenyl methane	838-88-0	0.002	mg/kg	0.002	ND
2-Naphthylamine	91-59-8	0.002	mg/kg	0.002	ND
3,3'-Dichlorobenzidine	91-94-1	0.002	mg/kg	0.002	ND
4-Aminobiphenyl	92-67-1	0.002	mg/kg	0.002	ND
2-Toluidine	95-53-4	0.002	mg/kg	0.002	ND
4-Chloro-2-methylaniline	95-69-2	0.002	mg/kg	0.002	ND
2,4-Diaminotoluene	95-80-7	0.002	mg/kg	0.002	ND
2-Aminoazotoluene	97-56-3	0.002	mg/kg	0.002	ND
2-Amino-4-nitrotoluene	99-55-8	0.002	mg/kg	0.002	ND
1,3-Phenylenediamine	108-45-2	0.002	mg/kg	0.002	ND
Stability					YES
Comment					PASS

## Notes :

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. MDL=Method Detection Limit
4. ND = Not Detected (less than MDL)



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No. CANEC2102018201

Date: 15 Mar 2021

Page 8 of 16

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Test Method : With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods;  
or EN 1186-9:2002 aqueous food simulants by article filling method;  
or EN 1186-14:2002 substitute test.

### Sample 002

Simulant Used : 3% Acetic Acid (W/V) Aqueous Solution  
Test Condition : 40 °C 240.0 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
First Migration	-	mg/dm <sup>2</sup>	3.0	<3.0
Second Migration	-	mg/dm <sup>2</sup>	3.0	<3.0
Third Migration	10.0	mg/dm <sup>2</sup>	3.0	<3.0
Stability				YES
Comment				PASS

### Sample 002

Simulant Used : 10% Ethanol (V/V) Aqueous Solution  
Test Condition : 40 °C 240.0 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
First Migration	-	mg/dm <sup>2</sup>	3.0	<3.0
Second Migration	-	mg/dm <sup>2</sup>	3.0	<3.0
Third Migration	10.0	mg/dm <sup>2</sup>	3.0	<3.0
Stability				YES
Comment				PASS

### Sample 002

Simulant Used : 50% Ethanol (V/V) Aqueous Solution  
Test Condition : 40 °C 240.0 hr(s)



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## Test Report

No. CANEC2102018201

Date: 15 Mar 2021

Page 9 of 16

<u>Test Item(s)</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
First Migration	-	mg/dm <sup>2</sup>	3.0	<3.0
Second Migration	-	mg/dm <sup>2</sup>	3.0	<3.0
Third Migration	10.0	mg/dm <sup>2</sup>	3.0	<3.0
<b>Stability</b>				<b>YES</b>
<b>Comment</b>				<b>PASS</b>

### Sample 002

Simulant Used : 95% Ethanol  
Test Condition : 40 °C 240.0 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
First Migration	-	mg/dm <sup>2</sup>	3.0	<3.0
Second Migration	-	mg/dm <sup>2</sup>	3.0	<3.0
Third Migration	10.0	mg/dm <sup>2</sup>	3.0	<3.0
<b>Stability</b>				<b>YES</b>
<b>Comment</b>				<b>PASS</b>

### Sample 002

Simulant Used : Isooctane  
Test Condition : 20 °C 48.0 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
First Migration	-	mg/dm <sup>2</sup>	3.0	<3.0
Second Migration	-	mg/dm <sup>2</sup>	3.0	<3.0
Third Migration	10.0	mg/dm <sup>2</sup>	3.0	<3.0
<b>Stability</b>				<b>YES</b>
<b>Comment</b>				<b>PASS</b>

### Notes :

1. mg/dm<sup>2</sup> = milligram per square decimeter  
mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. Analytical tolerance of aqueous simulants is 2mg/dm<sup>2</sup> or 12mg/kg
4. Analytical tolerance of fatty food simulants is 3mg/dm<sup>2</sup> or 20mg/kg



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## Test Report

No. CANEC2102018201

Date: 15 Mar 2021

Page 10 of 16

**Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation and BfR recommendation – Specific Migration of Heavy Metal**

Test Method : With reference to EN13130-1:2004, analysis was performed by ICP-MS.

### Sample 002

Simulant Used : 3% Acetic Acid (W/V) Aqueous Solution

Test Condition : 40 °C 240.0 hr(s)

Test Item(s)	Max. Permissible Limit	Unit	MDL	Test result
Migration times	-	-	-	1st
Area/Volume	-	dm <sup>2</sup> /kg	-	10
Chromium (Cr)	ND	mg/kg	0.01	ND
Arsenic (As)	ND	mg/kg	0.01	ND
Cadmium (Cd)	ND	mg/kg	0.002	ND
Mercury (Hg)	ND	mg/kg	0.01	ND
Lead (Pb)	ND	mg/kg	0.01	ND
Lithium (Li)	-	mg/kg	0.5	ND
Aluminum (Al)	-	mg/kg	0.1	ND
Manganese (Mn)	-	mg/kg	0.25	ND
Iron (Fe)	-	mg/kg	0.25	ND
Cobalt (Co)	-	mg/kg	0.01	ND
Nickel (Ni)	-	mg/kg	0.01	ND
Copper (Cu)	-	mg/kg	0.25	ND
Zinc (Zn)	-	mg/kg	0.5	ND
Antimony (Sb)	-	mg/kg	0.01	ND
Barium (Ba)	-	mg/kg	0.25	ND
Lanthanum (La)	-	mg/kg	0.01	ND
Europium (Eu)	-	mg/kg	0.01	ND
Gadolinium (Gd)	-	mg/kg	0.01	ND
Terbium (Tb)	-	mg/kg	0.01	ND
Lanthanum (La)+ Europium (Eu)+ Gadolinium (Gd)+ Terbium(Tb)	-	mg/kg	-	ND

### Sample 002



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# Test Report

No. CANEC2102018201

Date: 15 Mar 2021

Page 11 of 16

<u>Test Item(s)</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration times	-	-	-	2nd
Area/Volume	-	dm <sup>2</sup> /kg	-	10
Chromium (Cr)	-	mg/kg	0.01	ND
Arsenic (As)	-	mg/kg	0.01	ND
Cadmium (Cd)	-	mg/kg	0.002	ND
Mercury (Hg)	-	mg/kg	0.01	ND
Lead (Pb)	-	mg/kg	0.01	ND
Lithium (Li)	-	mg/kg	0.5	ND
Aluminum (Al)	-	mg/kg	0.1	ND
Manganese (Mn)	-	mg/kg	0.25	ND
Iron (Fe)	-	mg/kg	0.25	ND
Cobalt (Co)	-	mg/kg	0.01	ND
Nickel (Ni)	-	mg/kg	0.01	ND
Copper (Cu)	-	mg/kg	0.25	ND
Zinc (Zn)	-	mg/kg	0.5	ND
Antimony (Sb)	-	mg/kg	0.01	ND
Barium (Ba)	-	mg/kg	0.25	ND
Lanthanum (La)	-	mg/kg	0.01	ND
Europium (Eu)	-	mg/kg	0.01	ND
Gadolinium (Gd)	-	mg/kg	0.01	ND
Terbium (Tb)	-	mg/kg	0.01	ND
Lanthanum (La)+ Europium (Eu)+ Gadolinium (Gd)+ Terbium(Tb)	-	mg/kg	-	ND

## Sample 002

<u>Test Item(s)</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration times	-	-	-	3rd
Area/Volume	-	dm <sup>2</sup> /kg	-	10
Chromium (Cr)	ND	mg/kg	0.01	ND
Arsenic (As)	ND	mg/kg	0.01	ND
Cadmium (Cd)	ND	mg/kg	0.002	ND
Mercury (Hg)	ND	mg/kg	0.01	ND
Lead (Pb)	ND	mg/kg	0.01	ND
Lithium (Li)	0.6	mg/kg	0.5	ND
Aluminum (Al)	1	mg/kg	0.1	ND
Manganese (Mn)	0.6	mg/kg	0.25	ND
Iron (Fe)	48	mg/kg	0.25	ND



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## Test Report

No. CANEC2102018201

Date: 15 Mar 2021

Page 12 of 16

Cobalt (Co)	0.05	mg/kg	0.01	ND
Nickel (Ni)	0.02	mg/kg	0.01	ND
Copper (Cu)	5	mg/kg	0.25	ND
Zinc (Zn)	5	mg/kg	0.5	ND
Antimony (Sb)	0.04	mg/kg	0.01	ND
Barium (Ba)	1	mg/kg	0.25	ND
Lanthanum (La)	-	mg/kg	0.01	ND
Europium (Eu)	-	mg/kg	0.01	ND
Gadolinium (Gd)	-	mg/kg	0.01	ND
Terbium (Tb)	-	mg/kg	0.01	ND
Lanthanum (La)+ Europium (Eu)+ Gadolinium (Gd)+ Terbium(Tb)	0.05	mg/kg	-	ND
<b>Stability</b>				<b>YES</b>
<b>Comment</b>				<b>PASS</b>

### Notes :

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. MDL=Method Detection Limit
4. ND = Not Detected(less than MDL)

**Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments, European Commission Regulation (EU) No 10/2011 with amendments and BfR recommendation—Lead and Cadmium**

Test Method : Microwave digestion (GZTC CHEM-TOP-004-01) , analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit	MDL	001	002
Cadmium (Cd)	★	mg/kg	2	ND	ND
<b>Comment</b>				<b>PASS</b>	<b>PASS</b>
Lead (Pb)	★	mg/kg	2	ND	ND
<b>Comment</b>				<b>PASS</b>	<b>PASS</b>

### Notes :

1. mg/kg = milligram per kilogram of sample
2. MDL=Method Detection Limit
3. ND= Not Detected(less than MDL)
4. ★= Absent



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## Test Report

No. CANEC2102018201

Date: 15 Mar 2021

Page 13 of 16

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation-Volatile organic matter (VOM)

Test Method : With reference to 61. Mitteilung über die Untersuchung von Kunststoffen, Bundesgesundheitsbl 46 (2003) 362.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Test Temperature	-	°C	-	200
Test Time	-	hr(s)	-	4.0
Volatile organic matter (VOM)	0.5	%(w/w)	0.10	0.49
<b>Comment</b>				<b>PASS</b>

Notes :

1. %w/w = percentage of weight by weight
2. MDL=Method Detection Limit
3. ND= Not Detected(less than MDL)

### Verification for label claim validity - Bisphenol A free by Total Content of Bisphenol A

Test Method : With reference to Part II Section D2 of Testing Methods for Foodstuffs, Implements, Containers and Packaging, Toys, Detergents, JETRO, Japan External Trade Organization, 2009 (Dichloromethane extraction by ultrasonic bath). Analysis was performed by HPLC-MS

<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>002</u>
Total content of Bisphenol A	mg/kg	0.1	ND
<b>Comment</b>			<b>PASS</b>

Notes :

1. mg/kg = milligram per kilogram
2. MDL=Method Detection Limit
3. ND= Not Detected(less than MDL)

### Polycyclic Aromatic Hydrocarbons (PAHs)

Test Method : With reference to AfPS GS 2014:01 PAK, analysis was performed by GC-MS.

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Sum of 18 PAHs	-	1.0	mg/kg	-	ND



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## Test Report

No. CANEC2102018201

Date: 15 Mar 2021

Page 14 of 16

Test Item(s)	CAS NO.	Limit	Unit	MDL	001
Sum of 7 PAHs Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene	-	1.0	mg/kg	-	ND
Naphthalene(NAP)	91-20-3	1.0	mg/kg	0.1	ND
Acenaphthylene(ANY)	208-96-8	-	mg/kg	0.1	ND
Acenaphthene(ANA)	83-32-9	-	mg/kg	0.1	ND
Fluorene(FLU)	86-73-7	-	mg/kg	0.1	ND
Phenanthrene(PHE)	85-01-8	-	mg/kg	0.1	ND
Anthracene(ANT)	120-12-7	-	mg/kg	0.1	ND
Fluoranthene(FLT)	206-44-0	-	mg/kg	0.1	ND
Pyrene(PYR)	129-00-0	-	mg/kg	0.1	ND
Benzo(a)anthracene(BaA)	56-55-3	0.2	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	0.2	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	205-99-2	0.2	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	205-82-3	0.2	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	207-08-9	0.2	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	50-32-8	0.2	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	0.2	mg/kg	0.1	ND
Indeno(1,2,3-c,d)pyrene(IPY)	193-39-5	0.2	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	53-70-3	0.2	mg/kg	0.1	ND
Benzo(g,h,i)perylene(BPE)	191-24-2	0.2	mg/kg	0.1	ND
<b>Comment</b>					<b>PASS</b>

Test Item(s)	CAS NO.	Limit	Unit	MDL	002
Sum of 18 PAHs	-	1.0	mg/kg	-	ND
Sum of 7 PAHs Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene	-	1.0	mg/kg	-	ND
Naphthalene(NAP)	91-20-3	1.0	mg/kg	0.1	ND
Acenaphthylene(ANY)	208-96-8	-	mg/kg	0.1	ND
Acenaphthene(ANA)	83-32-9	-	mg/kg	0.1	ND
Fluorene(FLU)	86-73-7	-	mg/kg	0.1	ND
Phenanthrene(PHE)	85-01-8	-	mg/kg	0.1	ND
Anthracene(ANT)	120-12-7	-	mg/kg	0.1	ND
Fluoranthene(FLT)	206-44-0	-	mg/kg	0.1	ND
Pyrene(PYR)	129-00-0	-	mg/kg	0.1	ND
Benzo(a)anthracene(BaA)	56-55-3	0.2	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	0.2	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	205-99-2	0.2	mg/kg	0.1	ND



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## Test Report

No. CANEC2102018201

Date: 15 Mar 2021

Page 15 of 16

Test Item(s)	CAS NO.	Limit	Unit	MDL	002
Benzo(j)fluoranthene(BjF)	205-82-3	0.2	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	207-08-9	0.2	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	50-32-8	0.2	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	0.2	mg/kg	0.1	ND
Indeno(1,2,3-c,d)pyrene(IPY)	193-39-5	0.2	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	53-70-3	0.2	mg/kg	0.1	ND
Benzo(g,h,i)perylene(BPE)	191-24-2	0.2	mg/kg	0.1	ND

Comment

PASS

Notes :

1. mg/kg = milligram per kilogram of sample
2. MDL=Method Detection Limit
3. ND= Not Detected(less than MDL)



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## Test Report

No. CANEC2102018201

Date: 15 Mar 2021

Page 16 of 16

Sample photo:



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