

Test Report

Report No.: CTT2308030345ENC

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Applicant: ZHEJIANG AIBOTE ENVIRONMENTAL TECHNOLOGIES INC.

Address: NO.988, Xinxing Road, High-tech Industrial Development Zone,
Cixi, Ningbo, Zhejiang Province, China.

Sample Received Date: Aug. 03, 2023

Completed Date: Aug. 15, 2023

Report Date: Aug. 15, 2023

The following merchandise was (were) submitted and identified on behalf of the applicant as:

Sample Name: RO SYSTEM / WATER PURIFIER

Model No.: AW-RA01 (AW-RA02、AW-RA04)
AW-RB04 (AW-RB18、AW-RB03、AW-RB06、AW-RB13、AW-RB08、AW-RB09、
AW-RB20、AW-RB21、AW-RB22)

Sample Color: black

Sample Quantity: 2

Manufacturer: ZHEJIANG AIBOTE ENVIRONMENTAL TECHNOLOGIES INC.

Manufacturer Address: NO.988, Xinxing Road, High-tech Industrial Development Zone,
Cixi, Ningbo, Zhejiang Province, China.

Supplier: ZHEJIANG AIBOTE ENVIRONMENTAL TECHNOLOGIES INC.

Exported to: Germany Europe

Country of Origin: China

BRAND: AIBOTE

Test Result(s): Please refer to next page(s).Test Requested and Conclusion(s): Please refer to next page(s).

Signed for and on Behalf of CTT:

Frank

Frank
Technical Manager

Verification Report

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Zhejiang Consumer Testing
Technology Co., Ltd.1st-3rd Floor, Building 5, Block B, Innovation Entrepreneurship Street, No. E21, Xinke Road, Choujiang District, Yiwu,
Jinhua, Zhejiang, Pilot Free Trade Zone, China
Tel: 86-0579-89986543 Fax: 86-0579-89986547 Hot Line: 400 6789 666
Website: <http://www.cttlab.com> Email: enquiry@cttlab.com

Test Report

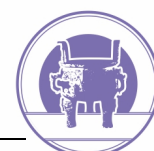
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Test Requested and Conclusion(s):

No.	Standard and Requirement	Conclusion(s)
1	BfR Recommendation III German food, Articles of Daily Use and Feed Code (LFGB), section 30&31. - Primary aromatic amines	PASS
2	BfR Recommendation III German food, Articles of Daily Use and Feed Code (LFGB), section 30&31, and BfR Recommendations on PE used in food contact materials and articles - Primary aromatic amines	PASS
3	German food, Articles of Daily Use and Feed Code (LFGB), section 30&31, and BfR Recommendations - Sensory requirements	PASS
4	German food, Articles of Daily Use and Feed Code (LFGB), section 30&31, and BfR Recommendations on metals and alloys used in food contact materials and articles - Specific Release of 23 Metals	PASS
5	COMMISSION REGULATION (EU) 2020/1245 of 2 September 2020 amending and correcting Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food. - Migration of Heavy metal - Overall Migration - Specific migration of Bisphenol A	PASS
6	BfR Recommendation III German food, Articles of Daily Use and Feed Code (LFGB), section 30&31, and BfR Recommendations on PE used in food contact materials and articles - Migration of Heavy metal - Overall Migration - Peroxides - Specific migration of Bisphenol A (BPA)	PASS
7	BfR Recommendation III German food, Articles of Daily Use and Feed Code (LFGB), section 30&31, and BfR Recommendations on PE used in food contact materials and articles - Catalyst content	PASS

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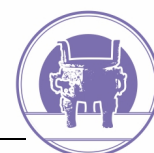
Test Result(s):

Primary aromatic amines - BfR Recommendation III German food, Articles of Daily Use and Feed Code (LFGB), section 30&31.

Method: BS EN 13130-1:2004⁵, analyzed by Ultra High Performance Liquid Chromatography-Mass Spectrometry (UPLC-MS/MS) .

No.	Substances Name	CAS No.	Limit (mg/kg)	Results (mg/kg)		
				3		
				1st	2nd	3rd
1	biphenyl-4-ylamine/ 4-aminodiphenyl/ xenylamine	92-67-1	0.002	<0.002	<0.002	<0.002
2	benzidine	92-87-5	0.002	<0.002	<0.002	<0.002
3	4-chloro-o-toluidine	95-69-2	0.002	<0.002	<0.002	<0.002
4	2-naphthylamine	91-59-8	0.002	<0.002	<0.002	<0.002
5	o-aminoazotoluene/ 4-o-tolylazo-o-toluidine/ 4-amino-2', 3-dimethylazobenzene	97-56-3	0.002	<0.002	<0.002	<0.002
6	2-amino-4-nitrotoluene/ 5-nitro-o-toluidine	99-55-8	0.002	<0.002	<0.002	<0.002
7	4-chloroaniline	106-47-8	0.002	<0.002	<0.002	<0.002
8	4-methoxy-m-phenylenedi amine	615-05-4	0.002	<0.002	<0.002	<0.002
9	4,4'-methylenedianiline/4, 4'-diaminodiphenylmethan e	101-77-9	0.002	<0.002	<0.002	<0.002
10	3,3'-dichlorobenzidine/ 3,3'-dichlorobiphenyl-4,4'- ylenediamine	91-94-1	0.002	<0.002	<0.002	<0.002
11	3,3'-dimethoxybenzidine/ o-dianisidine	119-90-4	0.002	<0.002	<0.002	<0.002
12	3,3'-dimethylbenzidine/ 4,4'-bi-o-toluidine	119-93-7	0.002	<0.002	<0.002	<0.002
13	4,4'-methylenedi-o-toluidi ne	838-88-0	0.002	<0.002	<0.002	<0.002
14	6-methoxy-m-toluidine/ p-cresidine	120-71-8	0.002	<0.002	<0.002	<0.002

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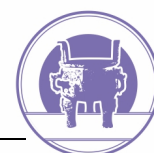
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15	4,4'-methylene-bis-(2-chloroaniline)/ 2,2'-dichloro-4,4'-methylenedianiline	101-14-4	0.002	<0.002	<0.002	<0.002
16	4,4'-oxydianiline	101-80-4	0.002	<0.002	<0.002	<0.002
17	4,4'-thiodianiline	139-65-1	0.002	<0.002	<0.002	<0.002
18	o-toluidine/ 2-aminotoluene	95-53-4	0.002	<0.002	<0.002	<0.002
19	4-methyl-m-phenylenediamine/ 2,4-toluylenediamine	95-80-7	0.002	<0.002	<0.002	<0.002
20	2,4,5-trimethylaniline	137-17-7	0.002	<0.002	<0.002	<0.002
21	o-anisidine / 2-methoxyaniline	90-04-0	0.002	<0.002	<0.002	<0.002
22	4-aminoazobenzene	60-09-3	0.002	<0.002	<0.002	<0.002
23	m-Phenylenediamine	108-45-2	0.002	<0.002	<0.002	<0.002
24	Aniline	62-53-3	0.01	<0.01	<0.01	<0.01
25	2,4-Dimethylaniline/2,4-xylidine	95-68-1				
26	2,6-Dimethylaniline/2,6-xylidine	87-62-7				
27	p-Phenylenediamine/ 1,4-phenylenediamine	106-50-3				
28	2,6-Toluylenediamine	823-40-5				
29	1,5-Diaminenaphthalene	2243-62-1				
Conclusion				PASS		

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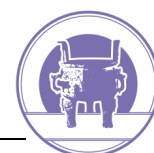
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No.	Substances Name	CAS No.	Limit (mg/kg)	Results (mg/kg)		
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				1st	2nd	3rd
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2	benzidine	92-87-5	0.002	<0.002	<0.002	<0.002
3	4-chloro-o-toluidine	95-69-2	0.002	<0.002	<0.002	<0.002
4	2-naphthylamine	91-59-8	0.002	<0.002	<0.002	<0.002
5	o-aminoazotoluene/ 4-o-tolylazo-o-toluidine/ 4-amino-2', 3-dimethylazobenzene	97-56-3	0.002	<0.002	<0.002	<0.002
6	2-amino-4-nitrotoluene/ 5-nitro-o-toluidine	99-55-8	0.002	<0.002	<0.002	<0.002
7	4-chloroaniline	106-47-8	0.002	<0.002	<0.002	<0.002
8	4-methoxy-m-phenylenedi amine	615-05-4	0.002	<0.002	<0.002	<0.002
9	4,4'-methylenedianiline/4, 4'-diaminodiphenylmethan e	101-77-9	0.002	<0.002	<0.002	<0.002
10	3,3'-dichlorobenzidine/ 3,3'-dichlorobiphenyl-4,4'- ylenediamine	91-94-1	0.002	<0.002	<0.002	<0.002
11	3,3'-dimethoxybenzidine/ o-dianisidine	119-90-4	0.002	<0.002	<0.002	<0.002
12	3,3'-dimethylbenzidine/ 4,4'-bi-o-toluidine	119-93-7	0.002	<0.002	<0.002	<0.002
13	4,4'-methylenedi-o-toluidi ne	838-88-0	0.002	<0.002	<0.002	<0.002
14	6-methoxy-m-toluidine/ p-cresidine	120-71-8	0.002	<0.002	<0.002	<0.002
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16	4,4'-oxydianiline	101-80-4	0.002	<0.002	<0.002	<0.002

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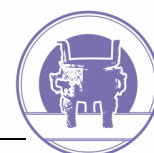
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17	4,4'-thiodianiline	139-65-1	0.002	<0.002	<0.002	<0.002
18	o-toluidine/ 2-aminotoluene	95-53-4	0.002	<0.002	<0.002	<0.002
19	4-methyl-m-phenylenedia mine/ 2,4-toluylendiamine	95-80-7	0.002	<0.002	<0.002	<0.002
20	2,4,5-trimethylaniline	137-17-7	0.002	<0.002	<0.002	<0.002
21	o-anisidine / 2-methoxyaniline	90-04-0	0.002	<0.002	<0.002	<0.002
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27	p-Phenylenediamine/ 1,4-phenylenediamine	106-50-3				
28	2,6-Toluenediamine	823-40-5				
29	1,5-Diaminenaphthalane	2243-62-1				
Conclusion				PASS		

NOTE:

1. Test Condition: 3% Acetic acid(w/v), 70°C for 2 hours.
2. mg/kg = milligram per kilogram (ppm).
3. The material or article is intended to come into repeated contact with foods, the migration test(s) shall be carried out three times. The results of subsequent migrations must not exceed the previous ones and the determination of compliance is based on the third migration result.

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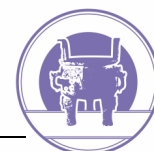
Test Result(s):

Primary aromatic amines - BfR Recommendation III German food, Articles of Daily Use and Feed Code (LFGB), section 30&31, and BfR Recommendations on PE used in food contact materials and articles

Method: BS EN 13130-1:2004⁵, analyzed by Ultra High Performance Liquid Chromatography-Mass Spectrometry (UPLC-MS/MS) .

No.	Substances Name	CAS No.	Limit (mg/kg)	Results (mg/kg)		
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				1st	2nd	3rd
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27	p-Phenylenediamine/ 1,4-phenylenediamine	106-50-3				
28	2,6-Toluylenediamine	823-40-5				
29	1,5-Diaminenaphthalene	2243-62-1				
Conclusion				PASS		

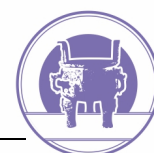
NOTE:

1. Test Condition: 3% Acetic acid(w/v), 70°C for 2 hours.
2. mg/kg = milligram per kilogram (ppm).
3. The material or article is intended to come into repeated contact with foods, the migration test(s) shall be carried out three times. The results of subsequent migrations must not exceed the previous ones and the determination of compliance is based on the third migration result.

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Technology Co., Ltd.

1st-3rd Floor, Building 5, Block B, Innovation Entrepreneurship Street, No. E21, Xinke Road, Choujiang District, Yiwu, Jinhua, Zhejiang, Pilot Free Trade Zone, China
Tel: 86-0579-89986543 Fax: 86-0579-89986547 Hot Line: 400 6789 666
Website: <http://www.cttlab.com> Email: enquiry@cttlab.com



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Test Result(s):

Sensory requirements - German food, Articles of Daily Use and Feed Code (LFGB), section 30&31, and BfR Recommendations

Method: DIN 10955:2004ⁿ

Material No.	Test Item	Requirement	Result	Conclusion
5	Sensorial examination odour	3	0	PASS
5	Sensorial examination taste	3	0	PASS

NOTE:

1. Scale evaluation:

0: No perceptible odour

1: Odour just perceptible (still difficult to define)

2: Moderate odour

3: Moderately strong odour

4: Strong odour

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Test Result(s):

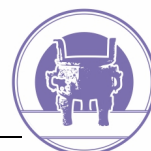
Specific Release of 23 Metals - Council of Europe Resolution CM/Res(2013)9 on metals and alloys used in food contact materials and articles.

Method: EDQM Technical Guide Resolution CM/Res(2013)9ⁿ, analyzed by Inductively coupled plasma mass spectrometry (ICP-MS) or Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) .

Elements	SRL (mg/kg)		Result (mg/kg)		Conclusion
	1 st + 2 nd	3 rd	1		
			1 st + 2 nd	3 rd	
Tin(Sn)	700	100	< 2	< 1	PASS
Copper(Cu)	28	4	< 2	<1	
Iron(Fe)	280	40	< 2	< 1	
Manganese(Mn)	12.6	1.8	< 0.2	< 0.1	
Zinc(Zn)	35	5	< 2	< 1	
Aluminum(Al)	35	5	< 2	<1	
Barium(Ba)	8.4	1.2	< 0.2	< 0.1	
Titanium(Ti)	--	--	< 2	< 1	
Magnesium(Mg)	--	--	< 2	< 1	
Chromium(Cr)	1.750	0.250	< 0.100	< 0.050	
Nickel(Ni)	0.98	0.14	< 0.10	< 0.05	
Lithium(Li)	0.336	0.048	< 0.020	< 0.010	
Beryllium(Be)	0.07	0.01	< 0.002	< 0.001	
Vanadium(V)	0.07	0.01	< 0.002	< 0.001	
Cobalt(Co)	0.14	0.02	< 0.002	< 0.001	
Molybdenum(Mo)	0.84	0.12	< 0.02	< 0.01	
Silver(Ag)	0.56	0.08	< 0.02	< 0.01	
Antimony(Sb)	0.28	0.04	< 0.02	< 0.01	
Lead(Pb)	0.07	0.01	< 0.002	< 0.001	
Arsenic(As)	0.014	0.002	< 0.002	< 0.001	
Cadmium(Cd)	0.035	0.005	< 0.002	< 0.001	
Mercury(Hg)	0.021	0.003	< 0.002	< 0.001	
Thallium(Tl)	0.0007	0.0001	< 0.0002	< 0.0001	

- Note:**
1. "--" = No requirement.
 2. mg/kg = milligrams of the constituents released per kilogram of foodstuff.

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3. SRL = Specific Release Limit.
4. Test Condition: Artificial tap water at 70°C for 2 hours.

Test Result(s):

Overall Migration - COMMISSION REGULATION (EU) 2020/1245 of 2 September 2020 amending and correcting Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food.

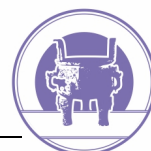
Method: EN 1186-1:2002&EN 1186-3:2022ⁿ

Material No.	Test Condition	Test Item	Reporting Limit (mg/dm ²)	Limit (mg/dm ²)	Result (mg/dm ²)	Conclusion
3	3% Acetic acid(w/v) ,70°C ,2h	Overall Migration (1st)	3.0	--	20.4	PASS
3	3% Acetic acid(w/v) ,70°C ,2h	Overall Migration (2nd)	3.0	--	5.1	PASS
3	3% Acetic acid(w/v) ,70°C ,2h	Overall Migration (3rd)	3.0	10	4.7	PASS
4	3% Acetic acid(w/v) ,70°C ,2h	Overall Migration (1st)	3.0	--	N.D.	PASS
4	3% Acetic acid(w/v) ,70°C ,2h	Overall Migration (2nd)	3.0	--	N.D.	PASS
4	3% Acetic acid(w/v) ,70°C ,2h	Overall Migration (3rd)	3.0	10	N.D.	PASS

NOTE:

1. mg/dm²= milligram per square decimeter.
2. N.D. = Not Detected (Less than Reporting Limit).
3. The material or article is intended to come into repeated contact with foods, the migration test(s) shall be carried out three times.The results of subsequent migrations must not exceed the previous ones and the determination of compliance is based on the third migration result.

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Test Result(s):

Specific migration of Bisphenol A - COMMISSION REGULATION (EU) 2020/1245 of 2 September 2020 amending and correcting Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food.

Method: CEN/TS 13130-13:2005ⁿ

Material No.	Test Condition	Test Item	Reporting Limit (mg/kg)	Limit (mg/kg)	Result (mg/kg)	Conclusion
3	3% Acetic acid(w/v), 70°C, 2h	Bisphenol A (BPA)(1st)	0.01	--	N.D.	PASS
3	3% Acetic acid(w/v), 70°C, 2h	Bisphenol A (BPA)(2nd)	0.01	--	N.D.	PASS
3	3% Acetic acid(w/v), 70°C, 2h	Bisphenol A (BPA)(3rd)	0.01	0.05	N.D.	PASS
4	3% Acetic acid(w/v), 70°C, 2h	Bisphenol A (BPA)(1st)	0.01	--	N.D.	PASS
4	3% Acetic acid(w/v), 70°C, 2h	Bisphenol A (BPA)(2nd)	0.01	--	N.D.	PASS
4	3% Acetic acid(w/v), 70°C, 2h	Bisphenol A (BPA)(3rd)	0.01	0.05	N.D.	PASS

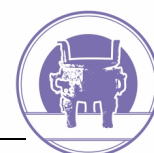
NOTE:

1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (Less than Reporting Limit).

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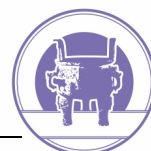
Test Result(s):

Migration of Heavy metal - COMMISSION REGULATION (EU) 2020/1245 of 2 September 2020 amending and correcting Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food.

Method: BS EN 13130-1:2004ⁿ

No.	Elements	Limit (mg/kg)	Results (mg/kg)		
			3		
			1st	2nd	3rd
1	Barium(Ba)	1	<0.1	<0.1	<0.1
2	Cobalt (Co)	0.05	<0.05	<0.05	<0.05
3	Copper (Cu)	5	<0.5	<0.5	<0.5
4	Iron (Fe)	48	<1	<1	<1
5	Lithium (Li)	0.6	<0.1	<0.1	<0.1
6	Manganese (Mn)	0.6	<0.05	<0.05	<0.05
7	Zinc (Zn)	5	<1	<1	<1
8	Aluminium (Al)	1	<0.1	<0.1	<0.1
9	Nickel(Ni)	0.02	<0.01	<0.01	<0.01
10	Lead(Pb)	0.01	<0.01	<0.01	<0.01
11	Cadmium(Cd)	0.002	<0.002	<0.002	<0.002
12	Arsenic(As)	0.01	<0.01	<0.01	<0.01
13	Mercury(Hg)	0.01	<0.01	<0.01	<0.01
14	Chromium (Cr)	0.01	<0.01	<0.01	<0.01
15	Antimony(Sb)	0.04	<0.02	<0.02	<0.02
16	Europium(Eu)	0.05	<0.01	<0.01	<0.01
17	Gadolinium(Gd)				
18	Lanthanum(La)				
19	Terbium(Tb)				
Conclusion			PASS		

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Test Report

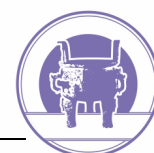
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No.	Elements	Limit (mg/kg)	Results (mg/kg)		
			4		
			1st	2nd	3rd
1	Barium(Ba)	1	<0.1	<0.1	<0.1
2	Cobalt (Co)	0.05	<0.05	<0.05	<0.05
3	Copper (Cu)	5	<0.5	<0.5	<0.5
4	Iron (Fe)	48	<1	<1	<1
5	Lithium (Li)	0.6	<0.1	<0.1	<0.1
6	Manganese (Mn)	0.6	<0.05	<0.05	<0.05
7	Zinc (Zn)	5	<1	<1	<1
8	Aluminium (Al)	1	<0.1	<0.1	<0.1
9	Nickel(Ni)	0.02	<0.01	<0.01	<0.01
10	Lead(Pb)	0.01	<0.01	<0.01	<0.01
11	Cadmium(Cd)	0.002	<0.002	<0.002	<0.002
12	Arsenic(As)	0.01	<0.01	<0.01	<0.01
13	Mercury(Hg)	0.01	<0.01	<0.01	<0.01
14	Chromium (Cr)	0.01	<0.01	<0.01	<0.01
15	Antimony(Sb)	0.04	<0.02	<0.02	<0.02
16	Europium(Eu)	0.05	<0.01	<0.01	<0.01
17	Gadolinium(Gd)				
18	Lanthanum(La)				
19	Terbium(Tb)				
Conclusion			PASS		

- Note:**
1. Test Condition: 3% Acetic acid(w/v),70°C for 2 hours.
 2. mg/kg = milligrams of the constituents released per kilogram of foodstuff.
 3. The results of the three migration tests should show a decreasing trend, and the results of the third test should be used to determine the compliance.

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Test Result(s):

Overall Migration - BfR Recommendation III German food, Articles of Daily Use and Feed Code (LFGB), section 30&31, and BfR Recommendations on PE used in food contact materials and articles

Method: EN 1186-1:2002&EN 1186-3:2022ⁿ

Material No.	Test Condition	Test Item	Reporting Limit (mg/dm ²)	Limit (mg/dm ²)	Result (mg/dm ²)	Conclusion
2	3% Acetic acid(w/v) ,70°C ,2h	Overall Migration (1st)	3	10	N.D.	PASS
2	3% Acetic acid(w/v) ,70°C ,2h	Overall Migration (2nd)	3	--	N.D.	PASS
2	3% Acetic acid(w/v) ,70°C ,2h	Overall Migration (3rd)	3	10	N.D.	PASS

NOTE:

1. mg/dm²= milligram per square decimeter.
2. N.D. = Not Detected (Less than Reporting Limit).
3. The material or article is intended to come into repeated contact with foods, the migration test(s) shall be carried out three times.The results of subsequent migrations must not exceed the previous ones and the determination of compliance is based on the third migration result.

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Test Result(s):

Specific migration of Bisphenol A (BPA) - BfR Recommendation III German food, Articles of Daily Use and Feed Code (LFGB), section 30&31, and BfR Recommendations on PE used in food contact materials and articles

Method: CEN/TS 13130-13:2005ⁿ

Material No.	Test Condition	Test Item	Reporting Limit (mg/kg)	Limit (mg/kg)	Result (mg/kg)	Conclusion
2	3% Acetic acid(w/v) ,70℃ ,2h	Bisphenol A (BPA)(1st)	0.01	0.05	N.D.	PASS
2	3% Acetic acid(w/v) ,70℃ ,2h	Bisphenol A (BPA)(2nd)	0.01	--	N.D.	PASS
2	3% Acetic acid(w/v) ,70℃ ,2h	Bisphenol A (BPA)(3rd)	0.01	0.05	N.D.	PASS

NOTE:

1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (Less than Reporting Limit).

Test Result(s):

Peroxides - BfR Recommendation III German food, Articles of Daily Use and Feed Code (LFGB), section 30&31, and BfR Recommendations on PE used in food contact materials and articles

Method: Bundesgesundheitsblatt 40 (1997) 412ⁿ

Material No.	Test Item	Limit	Result	Conclusion
2	Peroxide residues	Absent	Absent	PASS

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Test Result(s):

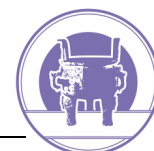
Migration of Heavy metal - BfR Recommendation III German food, Articles of Daily Use and Feed Code (LFGB), section 30&31, and BfR Recommendations on PE used in food contact materials and articles

Method: BS EN 13130-1:2004ⁿ

No.	Elements	Limit (mg/kg)	Results (mg/kg)		
			2		
			1st	2nd	3rd
1	Barium(Ba)	1	<0.1	<0.1	<0.1
2	Cobalt (Co)	0.05	<0.05	<0.05	<0.05
3	Copper (Cu)	5	<0.5	<0.5	<0.5
4	Iron (Fe)	48	<1	<1	<1
5	Lithium (Li)	0.6	<0.1	<0.1	<0.1
6	Manganese (Mn)	0.6	<0.05	<0.05	<0.05
7	Zinc (Zn)	5	<1	<1	<1
8	Aluminium (Al)	1	<0.1	<0.1	<0.1
9	Nickel(Ni)	0.02	<0.01	<0.01	<0.01
10	Lead(Pb)	0.01	<0.01	<0.01	<0.01
11	Cadmium(Cd)	0.002	<0.002	<0.002	<0.002
12	Arsenic(As)	0.01	<0.01	<0.01	<0.01
13	Mercury(Hg)	0.01	<0.01	<0.01	<0.01
14	Chromium (Cr)	0.01	<0.01	<0.01	<0.01
15	Antimony(Sb)	0.04	<0.02	<0.02	<0.02
16	Europium(Eu)	0.05	<0.01	<0.01	<0.01
17	Gadolinium(Gd)				
18	Lanthanum(La)				
19	Terbium(Tb)				
Conclusion			PASS		

- Note:**
1. Test Condition: 3% Acetic acid(w/v),70℃ for 2 hours.
 2. mg/kg = milligrams of the constituents released per kilogram of foodstuff.
 3. The results of the three migration tests should show a decreasing trend, and the results of the third test should be used to determine the compliance.

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Test Result(s):

Catalyst content - BfR Recommendation III German food, Articles of Daily Use and Feed Code (LFGB), section 30&31, and BfR Recommendations on PE used in food contact materials and articles

Method: In House Methodⁿ, analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) .

Substances	Chromium(Cr)	Hafnium(Hf)	Vanadium(V)	Zirconium(Zr)	Conclusion
CAS No.	7440-47-3	7440-58-6	7440-62-2	7440-67-7	
Reporting Limit (mg/kg)	10	10	10	10	
Limit (mg/kg)	10	100	20	100	
Material No.	Result (mg/kg)				
2	N.D.	N.D.	N.D.	N.D.	PASS

NOTE: 1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (Less than Reporting Limit).

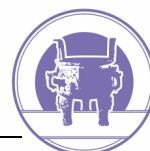
Test Material List

Material No.	Sample Description	Location	Remark
1	Silvery metal	Water pipe (stopcock)	/
2	White plastic with black printing	Water pipe (large)	/
3	Beige white plastic	Shell (filter element)	/
4	Black plastic	Lid (water pump)	/
5	Water purifier	Water purifier individual	/

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Photo of Sample:



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End of Report

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