intertek
Total Quality. Assured.

Test Report Number: SHAH01468569

Applicant: QUANZHOU YETU SPORT GOODS CO., LTD. Date: 29 Jul, 2022
NO.102 FURONG ROAD,SHANGCUN COMMUNITY,CHANGTAI STREET,LICHENG DISTRICT,QUANZHOU,FUJIAN,CHINA
Attn: LU QINGQING

Sample Description:
Item Name : Hydration water bladder
Buyer : Reecoil PTY Ltd.

****

Tests Conducted:
As requested by the applicant, for details refer to attached page(s).

****

Conclusion:

Tested Sample	Standard	Result
Tested components of submitted sample	European Commission Regulation No. 10/2011, amendment No. 2020/1245 and other amendments and Regulation No. 1935/2004 - Overall migration	Pass
	European Commission Regulation No. 10/2011 Annex II and Amendment No. 2016/1416 and No. 2017/752 and No. 2020/1245 and Regulation 1935/2004 on specific migration of heavy metal content	Pass
	European Commission Regulation No. 10/2011 Annex I and II and Amendment No. 2020/1245 and Regulation 1935/2004 on specific migration of primary aromatic amines	Pass
	European commission regulation No. 10/2011 annex I, amendment No. 2020/1245 and other amendments and Regulation 1935/2004-specific migration of Acrylonitrile	Pass
	European commission regulation No. 10/2011, amendment No. 2020/1245 and other amendments and Regulation 1935/2004-specific migration of Butadiene	Pass
	European commission regulation NO. 10/2011 and its amendments - Butadiene content in materials and articles	Pass

****

To be continued

Authorized By:
For Intertek Testing Services Ltd., Shanghai

Bill Zhang
General Manager

INTERTEK TESTING SERVICES LTD., SHANGHAI 上海天祥质量技术服务有限公司 检验检测专用章

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
Block B, Jinling Business Square, No.801 YiShan Road, Shanghai, China. 200233
上海市宜山路 801 号金陵商务广场 B 座 200233
Tel: +86 21 6120 6060
Fax: +86 21 6127 9708
www.intertek.com
www.intertek.com.cn

Test Report Number: SHAH01468569

Conclusion:

Tested Sample	Standard	Result
Tested components of submitted sample	European commission regulation No. 10/2011, amendment No. 2020/1245 and other amendments and regulation 1935/2004-specific migration of Formaldehyde	Pass
	Resolution ResAP(2004)5 on silicones used for food contact applications on overall migration .	Pass
	EU Technical Guide Council of Europe Resolution CM/Res (2013) 9 on metals and alloys Used in Food Contact Materials and Articles on specific migration of heavy metal	Pass
	European commission regulation No. 10/2011 annex I, amendment No. 2020/1245 and other amendments and Regulation 1935/2004 on specific migration of 1-Octene & 1-Hexene	Pass
	European commission regulation No. 10/2011 annex I, amendment No. 2020/1245 and other amendments and Regulation 1935/2004 - specific migration of Bisphenol A	Pass
	European commission regulation No. 10/2011 annex I, amendment No. 2020/1245 and other amendments and Regulation 1935/2004 on specific migration of phthalate	Pass
	Commission Regulation (EU) No. 10/2011 and its amendments on Vinyl chloride monomer content in materials and articles	Pass
	European Commission Regulation No. 10/2011, amendment No. 2020/1245 and other amendments and Regulation 1935/2004-specific migration of Vinyl Chloride Monomer	Pass
	Europe commission regulation No. 10/2011 and regulation 1935/2004 on phthalate content.	Pass

****

To be continued

Authorized By:
For Intertek Testing Services Ltd., Shanghai

Bill Zhang
General Manager

INTERTEK TESTING SERVICES LTD., SHANGHAI 上海天祥质量技术服务有限公司 检验检测专用章

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
Block B, Jinling Business Square, No.801 YiShan Road, Shanghai, China. 200233
上海市宜山路 801 号金陵商务广场 B 座 200233
Tel: +86 21 6120 6060
Fax: +86 21 6127 9708
www.intertek.com
www.intertek.com.cn

Test Report Number： SHAH01468569

Tests Conducted

1 Overall Migration Test for Plastic Food Contacting Materials/Articles

As per Commission Regulation (EU) No. 10/2011 and its amendments on plastic materials and articles intended to come into contact with food.

I. Test Condition:

Aqueous food simulant	
Test No.	Time and Temperature
OM2	10 days at 40 °C

II. Test Results：

Tested Component	Result in mg/dm^2					
	3% (w/v) acetic acid			50% (v/v) ethanol		
	1st	2nd	3rd	1st	2nd	3rd
(1)	3.6	<3.0	<3.0	6.3	5.1	<3.0
(2)	<3.0	<3.0	<3.0	3.6	<3.0	<3.0
(3)	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
(4)	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
(7)	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
(9)	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
(10)	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Limit in mg/dm^2	10			10		

Requirement:
Result of 3rd migration < SML, and
Result of 1st migration ≥ 2nd migration ≥ 3rd migration after consideration of result uncertainty.

Ratio of food contact surface area to volume of component (1) used to establish the compliance of material or article = 8.3 dm^2 : 1500 mL.
Ratio of food contact surface area to volume of component (2) used to establish the compliance of material or article = 1.0 dm^2 : 1500 mL.
Ratio of food contact surface area to volume of component (3) used to establish the compliance of material or article = 0.3 dm^2 : 1500 mL.
Ratio of food contact surface area to volume of component (4) used to establish the compliance of material or article = 0.1 dm^2 : 1500 mL.
Ratio of food contact surface area to volume of component (7) used to establish the compliance of material or article = 1.2 dm^2 : 1500 mL.
Ratio of food contact surface area to volume of component (9) used to establish the compliance of material or article = 0.2 dm^2 : 1500 mL.
Ratio of food contact surface area to volume of component (10) used to establish the compliance of material or article = 0.7 dm^2 : 1500 mL.

Tested Components：See component list in the last section of this report.

Date Sample Received：Jun.21, 2022
Testing Period：Jun.21, 2022 To Jul.28, 2022

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
Block B, Jinling Business Square, No.801 YiShan Road, Shanghai, China. 200233
上海市宜山路 801 号金陵商务广场 B 座 200233
Tel: +86 21 6120 6060
Fax: +86 21 6127 9708
www.intertek.com
www.intertek.com.cn

Test Report Number: SHAH01468569

Tests Conducted

2 Specific Migration of Heavy Metal

As per Commission Regulation (EU) No. 10/2011 and its amendments.

I. Test condition:

Food simulant: 3% (w/v) Acetic acid
Temperature: 40 °C Time: 24 hours

II. Test result:

Test Component：(1)~(4), (7), (9), (10)					
Element	Result (mg/kg)			Detection limit (mg/kg)	Limit (mg/kg)
	1st migration	2nd migration	3rd migration		
Aluminum(Al)	ND	ND	ND	0.1	1
Antimony(Sb)	ND	ND	ND	0.01	0.04
Arsenic(As)	ND	ND	ND	0.01	ND
Barium(Ba)	ND	ND	ND	0.1	1
Cadmium(Cd)	ND	ND	ND	0.002	ND
Chromium(Cr)	ND	ND	ND	0.01	ND
Cobalt(Co)	ND	ND	ND	0.03	0.05
Copper(Cu)	ND	ND	ND	1	5
Iron(Fe)	ND	ND	ND	5	48
Lead(Pb)	ND	ND	ND	0.01	ND
Lithium(Li)	ND	ND	ND	0.1	0.6
Manganese(Mn)	ND	ND	ND	0.1	0.6
Mercury(Hg)	ND	ND	ND	0.01	ND
Nickel(Ni)	ND	ND	ND	0.01	0.02
Zinc(Zn)	ND	ND	ND	1	5
Europium(Eu)	ND	ND	ND	0.01	0.05
Gadolinium(Gd)	ND	ND	ND	0.01	0.05
Lanthanum(La)	ND	ND	ND	0.01	0.05
Terbium(Tb)	ND	ND	ND	0.01	0.05

Requirement:
Result of 3rd migration < SML, and
Result of 1st migration ≥ 2nd migration ≥ 3rd migration after consideration of result uncertainty.
Result of 1st, 2nd and 3rd migration < SML when SML limit is Not Detected (ND)

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
Block B, Jinling Business Square, No.801 YiShan Road, Shanghai, China. 200233
上海市宜山路 801 号金陵商务广场 B 座 200233
Tel: +86 21 6120 6060
Fax: +86 21 6127 9708
www.intertek.com
www.intertek.com.cn

Test Report Number： SHAH01468569

Tests Conducted

Ratio of food contact surface area to volume of component (1) used to establish the compliance of material or article = 8.3 dm^2 : 1500 mL.
Ratio of food contact surface area to volume of component (2) used to establish the compliance of material or article = 1.0 dm^2 : 1500 mL.
Ratio of food contact surface area to volume of component (3) used to establish the compliance of material or article = 0.3 dm^2 : 1500 mL.
Ratio of food contact surface area to volume of component (4) used to establish the compliance of material or article = 0.1 dm^2 : 1500 mL.
Ratio of food contact surface area to volume of component (7) used to establish the compliance of material or article = 1.2 dm^2 : 1500 mL.
Ratio of food contact surface area to volume of component (9) used to establish the compliance of material or article = 0.2 dm^2 : 1500 mL.
Ratio of food contact surface area to volume of component (10) used to establish the compliance of material or article = 0.7 dm^2 : 1500 mL.

Remark：ND = Not detected(less than detection limit)

Tested component(s) : See component list in last section of this report.

Date Sample Received：Jun.21, 2022
Testing Period：Jun.21, 2022 To Jul.28, 2022

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
Block B, Jinling Business Square, No.801 YiShan Road, Shanghai, China. 200233
上海市宜山路 801 号金陵商务广场 B 座 200233
Tel: +86 21 6120 6060
Fax: +86 21 6127 9708
www.intertek.com
www.intertek.com.cn

Test Report Number: SHAH01468569

Tests Conducted

3 Specific Migration of Primary Aromatic Amines

With reference to Commission Regulation (EU) No. 10/2011 and its amendments, and JRC Technical Guidelines EUR 24815 EN 2011.

III. Test condition:

Food simulant: 3% (w/v) Acetic acid

Temperature: 40 °C Time: 24 hours

IV. Test Result:

Test Component：(1)~(4), (7), (9), (10)							
Test Item		CAS No.	Result (mg/kg)			Detection Limit (mg/kg)	Limit (mg/kg)
			1st migration	2nd migration	3rd migration		
1	4-Aminodiphenyl	92-67-1	ND	ND	ND	0.002	ND
2	Benzidine	92-87-5	ND	ND	ND	0.002	ND
3	4-Chloro-o-Toluidine	95-69-2	ND	ND	ND	0.002	ND
4	2-Naphthylamine	91-59-8	ND	ND	ND	0.002	ND
5	o-Aminoazotoluene	97-56-3	ND	ND	ND	0.002	ND
6	2-Amino-4-Nitrotoluene	99-55-8	ND	ND	ND	0.002	ND
7	p-Chloroaniline	106-47-8	ND	ND	ND	0.002	ND
8	2,4-Diaminoanisole	615-05-4	ND	ND	ND	0.002	ND
9	4,4'-Diaminodiphenylmethane	101-77-9	ND	ND	ND	0.002	ND
10	3,3'-Dichlorobenzidine	91-94-1	ND	ND	ND	0.002	ND
11	3,3'-Dimethoxybenzidine	119-90-4	ND	ND	ND	0.002	ND
12	3,3'-Dimethylbenzidine	119-93-7	ND	ND	ND	0.002	ND
13	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	ND	ND	ND	0.002	ND
14	p-Cresidine	120-71-8	ND	ND	ND	0.002	ND
15	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	ND	ND	ND	0.002	ND
16	4,4'-Oxydianiline	101-80-4	ND	ND	ND	0.002	ND
17	4,4'-Thiodianiline	139-65-1	ND	ND	ND	0.002	ND
18	o-Toluidine	95-53-4	ND	ND	ND	0.002	ND
19	2,4-Toluylenediamine	95-80-7	ND	ND	ND	0.002	ND
20	2,4,5-Trimethylaniline	137-17-7	ND	ND	ND	0.002	ND
21	o-Anisidine	90-04-0	ND	ND	ND	0.002	ND
22	4-Aminoazobenzene	60-09-3	ND	ND	ND	0.002	ND
23	m-Phenylendiamine	108-45-2	ND	ND	ND	0.002	ND
24	Benzoguanamin	91-76-9	ND	ND	ND	0.05	5
25	4,4'-Methylenebis(3-chloro-2,6-diethylaniline	106246-33-7	ND	ND	ND	0.01	0.05
26	Total of other primary aromatic amine	-	ND	ND	ND	0.01	0.01

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
Block B, Jinling Business Square, No.801 YiShan Road, Shanghai, China. 200233
上海市宜山路 801 号金陵商务广场 B 座 200233
Tel: +86 21 6120 6060
Fax: +86 21 6127 9708
www.intertek.com
www.intertek.com.cn

Test Report Number： SHAH01468569

Tests Conducted

Requirement:
Result of 3rd migration < SML, and
Result of 1st migration ≥ 2nd migration ≥ 3rd migration after consideration of result uncertainty.
Result of 1st, 2nd and 3rd migration < SML when SML limit is Not Detected (ND)

Ratio of food contact surface area to volume of component (1) used to establish the compliance of material or article = 8.3 dm^2 : 1500 mL.
Ratio of food contact surface area to volume of component (2) used to establish the compliance of material or article = 1.0 dm^2 : 1500 mL.
Ratio of food contact surface area to volume of component (3) used to establish the compliance of material or article = 0.3 dm^2 : 1500 mL.
Ratio of food contact surface area to volume of component (4) used to establish the compliance of material or article = 0.1 dm^2 : 1500 mL.
Ratio of food contact surface area to volume of component (7) used to establish the compliance of material or article = 1.2 dm^2 : 1500 mL.
Ratio of food contact surface area to volume of component (9) used to establish the compliance of material or article = 0.2 dm^2 : 1500 mL.
Ratio of food contact surface area to volume of component (10) used to establish the compliance of material or article = 0.7 dm^2 : 1500 mL.

Remark：ND = Not detected (less than detection limit)

Other primary aromatic amines are p-Phenylendiamine, Aniline, 2,4-Xylidine, 2,6-Xylidine, 3-Methoxyaniline, 2,6- Toluene-diamine, 1,5-Diaminonaphthalene, 4-Ethoxyaniline, 3-Amino-4-methoxybenzanilide, 3-Amino-4-methylbenzamide, 2-Amino-5-methylbenzoic acid

Tested component(s) : See component list in last section of the report.

Date Sample Received：Jun.21, 2022
Testing Period：Jun.21, 2022 To Jul.28, 2022

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
Block B, Jinling Business Square, No.801 YiShan Road, Shanghai, China. 200233
上海市宜山路 801 号金陵商务广场 B 座 200233
Tel: +86 21 6120 6060
Fax: +86 21 6127 9708
www.intertek.com
www.intertek.com.cn

Test Report Number: SHAH01468569

Tests Conducted

4 Specific Migration of Acrylonitrile for Organic Materials on Basis of Synthetic Material

As per commission regulation (EU) No. 10/ 2011 of 14 January 2011 and its amendments on plastic materials and articles intended to come into contact with food.

I . Test Condition:

Aqueous food simulant:

Temperature: 40 °C Time: 24 hours

II . Test Results of Acrylonitrile(CAS No. 107-13-1):

Tested Component	Result in mg/kg					
	3% (w/v) acetic acid			50% (v/v) ethanol		
	1st	2nd	3rd	1st	2nd	3rd
(3)	ND	ND	ND	ND	ND	ND
Limit in mg/kg	Not detected			Not detected		

Requirement:
Result of 3rd migration < SML, and
Result of 1st migration ≥ 2nd migration ≥ 3rd migration after consideration of result uncertainty.

Ratio of food contact surface area to volume of component (3) used to establish the compliance of material or article = 0.3 dm^2 : 1500 mL.

Remark: ND=Not detected
Detection Limit = 0.01 mg/kg

Tested Components: See component list in the last section of this report.

Date Sample Received: Jun.21, 2022
Testing Period: Jun.21, 2022 To Jul.28, 2022

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
Block B, Jinling Business Square, No.801 YiShan Road, Shanghai, China. 200233
上海市宜山路 801 号金陵商务广场 B 座 200233
Tel: +86 21 6120 6060
Fax: +86 21 6127 9708
www.intertek.com
www.intertek.com.cn

Test Report Number: SHAH01468569

Tests Conducted

5 Specific Migration of Butadiene for Plastic Food Contacting Materials/Articles

As per commission regulation (EU) No. 10/ 2011 of 14 January 2011 and its amendments on plastic materials and articles intended to come into contact with food.

Ⅰ.Test Condition:

Aqueous food simulant:

Temperature: 40 °C Time: 24 hours

Ⅱ. Test Results:

Tested Component	Result in mg/kg					
	3% (w/v) acetic acid			50% (v/v) ethanol		
	1st	2nd	3rd	1st	2nd	3rd
(3)	ND	ND	ND	ND	ND	ND
Limit in mg/kg	Not detected			Not detected		

Requirement:
Result of 3rd migration < SML, and
Result of 1st migration ≥ 2nd migration ≥ 3rd migration after consideration of result uncertainty.
Result of 1st, 2nd and 3rd migration < SML when SML limit is Not Detected (ND)

Ratio of food contact surface area to volume of component (3) used to establish the compliance of material or article = 0.3 dm^2 : 1500 mL.

Remark: ND=Not detected
Detection Limit = 0.01 mg/kg

Tested Components: See component list in the last section of this report.

Date Sample Received: Jun.21, 2022
Testing Period: Jun.21, 2022 To Jul.28, 2022

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
Block B, Jinling Business Square, No.801 YiShan Road, Shanghai, China. 200233
上海市宜山路 801 号金陵商务广场 B 座 200233
Tel: +86 21 6120 6060
Fax: +86 21 6127 9708
www.intertek.com
www.intertek.com.cn

Test Report Number: SHAH01468569

Tests Conducted

6 Butadiene Content For Plastic Food Contacting Materials/Articles

As per commission regulation (EU) NO. 10/ 2011 of 14 January 2011 and its amendments on plastic materials and articles intended to come into contact with food., by Headspace Gas-Chromatographic Mass Spectrometric (HS-GC/MS) analysis.

Tested Component	Result (mg/kg)	Limit (mg/kg)
(3)	0.29	1(Max)

Remark: Detection Limit = 0.1 mg/kg

Tested Components: See component list in the last section of this report.

Date Sample Received: Jun.21, 2022
Testing Period: Jun.21, 2022 To Jul.28, 2022

7 Specific Migration of Formaldehyde Test for Plastic Food Contacting Materials/Articles

As per Commission Regulation (EU) No. 10/2011 and its amendments on plastic materials and articles intended to come into contact with food.

I. Test Condition:

Temperature: 40 °C Time: 24 hours

II. Test Result of Formaldehyde (CAS No.50-00-0)

Tested Component	Food simulant	Result (mg/kg)			Limit (mg/kg)
		1st migration	2nd migration	3rd migration	
(4)	3% (w/v) acetic acid	<5.0	<5.0	<5.0	15

Requirement:
Result of 3rd migration < SML, and
Result of 1st migration ≥ 2nd migration ≥ 3rd migration after consideration of result uncertainty.

Ratio of food contact surface area to volume of component (4) used to establish the compliance of material or article = 0.1 dm^2 : 1500 mL.

Tested Components: See component list in the last section of this report.

Date Sample Received: Jun.21, 2022
Testing Period: Jun.21, 2022 To Jul.28, 2022

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
Block B, Jinling Business Square, No.801 YiShan Road, Shanghai, China. 200233
上海市宜山路 801 号金陵商务广场 B 座 200233
Tel: +86 21 6120 6060
Fax: +86 21 6127 9708
www.intertek.com
www.intertek.com.cn

Test Report Number: SHAH01468569

Tests Conducted

8 Overall Migration Test For Silicones Food Contacting Materials/Articles

With reference to EU JRC Guideline Of testing conditions for kitchenware articles in contact with foodstuffs: plastics, metals, silicon & rubber, EU No 10/2011 and its amendment

I. Test Condition:

Tested component	Food simulant	Time(hour)	Temperature(°C)
(5)	50% (v/v) Ethanol	240	40
	3% (w/v) Acetic acid	240	40
(8)	50% (v/v) Ethanol	240	40
	3% (w/v) Acetic acid	240	40
(11)	50% (v/v) Ethanol	240	40
	3% (w/v) Acetic acid	240	40

II. Test Results:

Food simulant		Result (mg/dm²)			Limit (mg/dm)
		(5)	(8)	(11)	
(B)	3% (w/v) acetic acid	<1.0	1.4	<1.0	10
(C)	50% (v/v) ethanol	<1.0	1.1	<1.0	10

Ratio of food contact surface area to volume of component (5) used to establish the compliance of material or article = 0.1 dm^2 : 1500 mL.
Ratio of food contact surface area to volume of component (8) used to establish the compliance of material or article = 0.1 dm^2 : 1500 mL.
Ratio of food contact surface area to volume of component (11) used to establish the compliance of material or article = 0.4 dm^2 : 1500 mL.

Tested Components : See component list in the last section of this report.

Date Sample Received: Jun.21, 2022
Testing Period: Jun.21, 2022 To Jul.28, 2022

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
Block B, Jinling Business Square, No.801 YiShan Road, Shanghai, China. 200233
上海市宜山路 801 号金陵商务广场 B 座 200233
Tel: +86 21 6120 6060
Fax: +86 21 6127 9708
www.intertek.com
www.intertek.com.cn

Test Report Number: SHAH01468569

Tests Conducted

9 Release Testing on Metals and Alloys Used in Food Contact Materials and Articles

With reference to EU Technical Guide "Council of Europe Resolution CM/Res(2013)9 on metals and alloys Used in Food Contact Materials and Articles". Migration test was conducted and heavy metal content was determined by Inductively Coupled Plasma Mass Spectrometer (ICP-MS) with reference to ISO 17294-2:2016 respectively.

Ⅰ. Test Condition:

Food Simulant: Citric acid (5 g/L)
Temperature: 40 °C Time: 24 hours

Ⅱ. Test Result:

Elements	Result 1st test (mg/kg)	Result 2nd test (mg/kg)	Result1st test +Result 2ndtest (mg/kg)	7*Limit (mg/kg)	Result 3rd test (mg/kg)	Limit (mg/kg)
			(6)		(6)	
Silver (Ag)	<0.01	<0.01	<0.01	0.56	<0.01	0.08
Aluminium (Al)	<1	<1	<1	35	<1	5
Chromium (Cr)	<0.05	<0.05	<0.05	1.75	<0.05	0.250
Cobalt (Co)	<0.004	<0.004	<0.004	0.14	<0.004	0.02
Copper (Cu)	<0.5	<0.5	<0.5	28	<0.5	4
Iron (Fe)	<1	<1	<1	280	<1	40
Manganese (Mn)	<0.1	<0.1	<0.1	12.6	<0.1	1.8
Molybdenum(Mo)	<0.02	<0.02	<0.02	0.84	<0.02	0.12
Nickel (Ni)	<0.02	<0.02	<0.02	0.98	<0.02	0.14
Tin (Sn)	<10	<10	<10	700	<10	100
Vanadium (V)	<0.002	<0.002	<0.002	0.07	<0.002	0.01
Zinc (Zn)	<1	<1	<1	35	<1	5
Antimony (Sb)	<0.005	<0.005	<0.005	0.28	<0.005	0.04
Arsenic (As)	<0.0004	<0.0004	<0.0004	0.014	<0.0004	0.002
Barium (Ba)	<0.1	<0.1	<0.1	8.4	<0.1	1.2
Beryllium (Be)	<0.002	<0.002	<0.002	0.07	<0.002	0.01
Cadmium (Cd)	<0.001	<0.001	<0.001	0.035	<0.001	0.005
Lead (Pb)	<0.002	<0.002	<0.002	0.070	<0.002	0.010
Lithium (Li)	<0.005	<0.005	<0.005	0.336	<0.005	0.048
Mercury (Hg)	<0.0005	<0.0005	<0.0005	0.021	<0.0005	0.003
Thallium (Tl)	<0.00002	<0.00002	<0.00002	0.0007	<0.00002	0.0001
Magnesium (Mg)	<5	<5	<5	-	<5	-
Titanium (Ti)	<0.1	<0.1	<0.1	-	<0.1	-

Remark: The submitted component is a repeated use article. The migration test was carried out three times on the same article. The sum of the results of the first and second tests should not exceed seven times the limit (Result 1st test + Result 2nd test < 7 * limit) and the Result 3rd test shouldn't exceed the limit.

As per client's request, the above condition and food simulant was used for the test.

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
Block B, Jinling Business Square, No.801 YiShan Road, Shanghai, China. 200233
上海市宜山路 801 号金陵商务广场 B 座 200233
Tel: +86 21 6120 6060
Fax: +86 21 6127 9708
www.intertek.com
www.intertek.com.cn

Test Report Number： SHAH01468569

Tests Conducted

Tested Component：See component list in the last section of this report.

Date Sample Received：Jun.21, 2022
Testing Period：Jun.21, 2022 To Jul.28, 2022

10 Specific Migration of 1-Octene & 1-Hexene for Plastic Food Contacting Materials/Articles

As per Commission Regulation (EU) No. 10/2011 and its amendments.

I. Test Condition:

Temperature: 40 °C Time: 24 hours

II. Test Results:

1- Octene(CAS No.111-66-0)：

Tested Component	Result in mg/kg					
	3% (w/v) acetic acid			50% (v/v) ethanol		
	1st	2nd	3rd	1st	2nd	3rd
(9)	<5	<5	<5	<5	<5	<5
(10)	<5	<5	<5	<5	<5	<5
Limit in mg/kg	15			15		

Reporting limit=5mg/kg

1-Hexene(CAS No. 592-41-6)：

Tested Component	Result in mg/kg					
	3% (w/v) acetic acid			50% (v/v) ethanol		
	1st	2nd	3rd	1st	2nd	3rd
(9)	<1	<1	<1	<1	<1	<1
(10)	<1	<1	<1	<1	<1	<1
Limit in mg/kg	3			3		

Reporting limit=1mg/kg

Requirement:
Result of 3rd migration < SML, and
Result of 1st migration ≥ 2nd migration ≥ 3rd migration after consideration of result uncertainty.

Ratio of food contact surface area to volume of component (9) used to establish the compliance of material or article = 0.2 dm^2 : 1500 mL.
Ratio of food contact surface area to volume of component (10) used to establish the compliance of material or article = 0.7 dm^2 : 1500 mL.

Remark：ND=Not detected（less than reporting limit）

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
Block B, Jinling Business Square, No.801 YiShan Road, Shanghai, China. 200233
上海市宜山路 801 号金陵商务广场 B 座 200233
Tel: +86 21 6120 6060
Fax: +86 21 6127 9708
www.intertek.com
www.intertek.com.cn

Test Report Number： SHAH01468569

Tests Conducted

Tested Components：See component list in the last section of this report.

Date Sample Received：Jun.21, 2022
Testing Period：Jun.21, 2022 To Jul.28, 2022

11 Specific Migration of Bisphenol A for Plastic Food Contacting Materials/Articles

As per Commission Regulation (EU) No. 10/2011 and its amendments (including amendment No. 2018/213 and amendment No. 2020/1245) on plastic materials and articles intended to come into contact with food. And followed by Liquid Chromatography-Mass Spectrometry (LC-MS) analysis.

I . Test Condition:

Aqueous food simulant:

Temperature: 40 °C Time: 24 hours

II . Test Results of Bisphenol A (CAS No. 80-05-7):

Tested Component	Result in mg/kg					
	3% (w/v) acetic acid			50% (v/v) ethanol		
	1st	2nd	3rd	1st	2nd	3rd
(7)	ND	ND	ND	ND	ND	ND
Limit in mg/kg	0.05			0.05		

Requirement:
Result of 3rd migration < SML, and
Result of 1st migration ≥ 2nd migration ≥ 3rd migration after consideration of result uncertainty.

Ratio of food contact surface area to volume of component (7) used to establish the compliance of material or article = 1.2 dm^2 : 1500 mL.

Remark：Report limit=0.01mg/kg
ND=Not detected（less than report limit）

Tested Components：See component list in the last section of this report.

Date Sample Received：Jun.21, 2022
Testing Period：Jun.21, 2022 To Jul.28, 2022

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
Block B, Jinling Business Square, No.801 YiShan Road, Shanghai, China. 200233
上海市宜山路 801 号金陵商务广场 B 座 200233
Tel: +86 21 6120 6060
Fax: +86 21 6127 9708
www.intertek.com
www.intertek.com.cn

Test Report Number: SHAH01468569

Tests Conducted

12 Specific Migration of Phthalates Test for Plastic Food Contacting Materials/Articles

As per commission regulation (EU) No. 10/ 2011 of 14 January 2011 and its amendments on plastic materials and articles intended to come into contact with food.

I .Test Condition:

Aqueous food simulant:

Temperature: 40 °C Time: 24 hours

II . Test Results:

Butyl Benzy Phthalate (BBP)(CAS No.85-68-7):

Tested Component	Result in mg/kg					
	3% (w/v) acetic acid			50% (v/v) ethanol		
	1st	2nd	3rd	1st	2nd	3rd
(7)	<1	<1	<1	<1	<1	<1
Limit in mg/kg	30			30		

Bis (2-Ethylhexyl) Phthalate (DEHP)(CAS No.117-81-7):

Tested Component	Result in mg/kg					
	3% (w/v) acetic acid			50% (v/v) ethanol		
	1st	2nd	3rd	1st	2nd	3rd
(7)	<1	<1	<1	<1	<1	<1
Limit in mg/kg	1.5			1.5		

Dibutyl Phthalate (DBP):

Tested Component	Result in mg/kg					
	3% (w/v) acetic acid			50% (v/v) ethanol		
	1st	2nd	3rd	1st	2nd	3rd
(7)	<0.2	<1	<1	<1	<1	<1
Limit in mg/kg	0.3			0.3		

Di-(Iso-Nonyl) Phthalate (DINP)(CAS No. 84-74-2) and Di-(Iso-Decyl) Phthalate (DIDP)(CAS No.26761-40-0):

Tested Component	Result in mg/kg					
	3% (w/v) acetic acid			50% (v/v) ethanol		
	1st	2nd	3rd	1st	2nd	3rd
(7)	<1	<1	<1	<1	<1	<1
Limit in mg/kg	9			9		

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
Block B, Jinling Business Square, No.801 YiShan Road, Shanghai, China. 200233
上海市宜山路 801 号金陵商务广场 B 座 200233
Tel: +86 21 6120 6060
Fax: +86 21 6127 9708
www.intertek.com
www.intertek.com.cn

Test Report Number: SHAH01468569

Tests Conducted

Dially Phthalate (DAP)(CAS No. 131-17-9):

Tested Component	Result in mg/kg					
	3% (w/v) acetic acid			50% (v/v) ethanol		
	1st	2nd	3rd	1st	2nd	3rd
(7)	ND	ND	ND	ND	ND	ND
Limit in mg/kg	ND			ND		

Requirement:
Result of 3rd migration < SML, and
Result of 1st migration ≥ 2nd migration ≥ 3rd migration after consideration of result uncertainty.

Ratio of food contact surface area to volume of component (7) used to establish the compliance of material or article = 1.2 dm^2 : 1500 mL.

Remark: ND = Not Detected
Detection Limit of DAP=0.01mg/kg

Tested Components: See component list in the last section of this report.

Date Sample Received: Jun.21, 2022
Testing Period: Jun.21, 2022 To Jul.28, 2022

13 Vinyl chloride monomer content

As per Commission Regulation (EU) No. 10/2011 and its amendments , by Headspace Gas-Chromatographic Mass Spectrometric (HS-GC/MS) analysis.

Tested component	Result (ppm)	Limit (ppm)
(7)	<5	1(Max)

Remark: ppm = Parts per million = mg/kg
Detection Limit = 0.1 ppm

Tested Components: See component list in the last section of this report.

Date Sample Received: Jun.21, 2022
Testing Period: Jun.21, 2022 To Jul.28, 2022

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
Block B, Jinling Business Square, No.801 YiShan Road, Shanghai, China. 200233
上海市宜山路 801 号金陵商务广场 B 座 200233
Tel: +86 21 6120 6060
Fax: +86 21 6127 9708
www.intertek.com
www.intertek.com.cn

Test Report Number: SHAH01468569

Tests Conducted

14 Specific Migration of Vinyl Chloride Monomer Content

As per Commission Regulation (EU) No. 10/2011 and its amendments on plastic materials and articles intended to come into contact with food.

I . Test Condition:

Aqueous food simulant:

Temperature: 40 °C Time: 24 hours

II . Test Results:

Tested Component	Result in mg/kg					
	3% (w/v) acetic acid			50% (v/v) ethanol		
	1st	2nd	3rd	1st	2nd	3rd
(7)	ND	ND	ND	ND	ND	ND
Limit in mg/kg	ND			ND		

Requirement:
Result of 3rd migration < SML, and
Result of 1st migration ≥ 2nd migration ≥ 3rd migration after consideration of result uncertainty.
Result of 1st, 2nd and 3rd migration < SML when SML limit is Not Detected (ND)

Ratio of food contact surface area to volume of component (7) used to establish the compliance of material or article = 1.2 dm^2 : 1500 mL.

Remark: Detection limit = 0.01 mg/kg food simulant
ND = Not detected

Tested components: See component list in the last section of this report.

Date Sample Received: Jun.21, 2022
Testing Period: Jun.21, 2022 To Jul.28, 2022

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
Block B, Jinling Business Square, No.801 YiShan Road, Shanghai, China. 200233
上海市宜山路 801 号金陵商务广场 B 座 200233
Tel: +86 21 6120 6060
Fax: +86 21 6127 9708
www.intertek.com
www.intertek.com.cn

Test Report Number: SHAH01468569

Tests Conducted

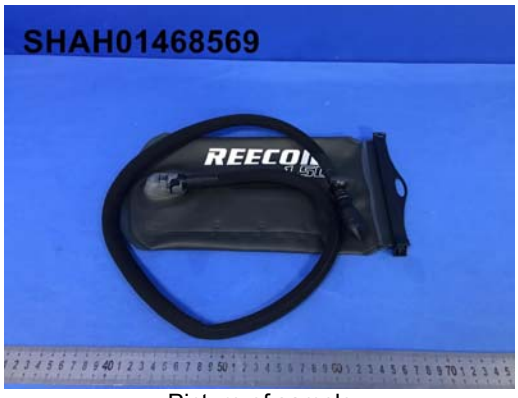
15 Phthalate Content

By solvent extraction and Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

	Result (%, w/w) (7)	Limit (%, w/w) (max.)
Dibutyl Phthalate (DBP)	<0.01	0.05
Diethyl Hexyl Phthalate (DEHP)	<0.01	0.1
Benzyl Butyl Phthalate (BBP)	<0.01	0.1
Di-(iso-nonyl) Phthalate (DINP)	<0.01	0.1
Di-(iso-decyl) Phthalate (DIDP)	<0.01	0.1

Remark: Detection Limit = 0.01% (w/w)

Tested Components: See component list in the last section of this report.



Picture of sample

Date Sample Received: Jun.21, 2022
Testing Period: Jun.21, 2022 To Jun.24, 2022

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
Block B, Jinling Business Square, No.801 YiShan Road, Shanghai, China. 200233
上海市宜山路 801 号金陵商务广场 B 座 200233
Tel: +86 21 6120 6060
Fax: +86 21 6127 9708
www.intertek.com
www.intertek.com.cn

Test Report Number： SHAH01468569

Tests Conducted

Components List：		Refer to:
(1)	Gray Plastic body （TPU）	SHJ1468250(1)
(2)	Transparent plastic on body (TPU)	SHJ1468250(2)
(3)	Black plastic connected with body and tube (ABS)	SHJ1468250(3)
(4)	Light grey plastic on black plastic (POM)	SHJ1468250(4)
(5)	Transparent silicone ring on black plastic	SHJ1468250(5)
(6)	Silvery metal spring (SS304)	SHJ1468250(6)
(7)	Transparent plastic tube (PVC)	SHJ1468250(7)
(8)	Red silicone ring	SHJ1468250(8)
(9)	Dark grey plastic switch on black plastic (PE)	SHJ1468250(9)
(10)	Black plastic spout (PE)	SHJ1468250(10)
(11)	Blue silicone spout	SHJ1468250(11)

****

End of report

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
Block B, Jinling Business Square, No.801 YiShan Road, Shanghai, China. 200233
上海市宜山路 801 号金陵商务广场 B 座 200233
Tel: +86 21 6120 6060
Fax: +86 21 6127 9708
www.intertek.com
www.intertek.com.cn