Test Report Number: SHAH01829079

Applicant: PF CONCEPT INTERNATIONAL COOPERATIEF U.A
KABELWEG 1
2371 DX ROELOFARENDSVEEN
THE NETHERLANDS
Attn: Jasmine Gu/Sonia HE

Date: Jun 23, 2025

Sample Description:

Item Name	:	SGL Wall RCS Fitz 800ml
Item No.	:	10087001-WH, 10087053-RBL, 10087082-SL, 10087090-BK
Vendor	:	#10159/#14165
Goods Exported To	:	Europe
Country Of Origin	:	China
P.O. No.	:	PO#669698
Date Sample Received	:	04 Jun, 2025
Testing Period	:	04 Jun, 2025 To 20 Jun, 2025

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Tests Conducted:

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

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Conclusion:

Tested Sample	Standard	Result
Tested Components of Submitted Sample	European Commission Regulation (EU) No. 10/2011, Amendment No. 2020/1245 and other Amendments and Regulation (EC) No. 1935/2004 on Overall migration	Pass
	Dutch Commodities Act on Packagings and Consumer Articles Regulation (Warenwetregeling verpakkingen en gebruiksartikelen) Annex A Chapter IV on Overall Migration for Metal Materials	Pass
	Resolution ResAP(2004)5 on Overall Migration for Silicones Intended to Come into Contact with Foodstuffs	Pass
	European Resolution CM/Res (2020)9 and the Supplementary Technical Guide on Metals and Alloys Used in Food Contact Materials and Articles(EDQM 2nd Edition, 2024) on Specific Migration of Heavy Metal	Pass
	European Commission Regulation (EU) No. 10/2011 Annex I, Amendment No. 2020/1245 and other Amendments and Regulation 1935/2004 on specific migration of Bisphenol A	Pass

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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 (2)

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
3/F. of Block D, & Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋
Tel: +86 21 53396000
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Tested Sample	Standard	Result
Tested Components of Submitted Samples	European Commission Regulation (EU) No 10/2011 Annex II and Amendment (EU) 2016/1416 and (EU) 2017/752 and (EU) 2020/1245 and Regulation (EC) No 1935/2004 on Specific Migration of Heavy Metal Content	Pass
	European Commission Regulation (EU) No. 10/2011 Annex I, Amendment (EU) 2020/1245, Amendment (EU) 2023/1442 and other Amendments and Regulation (EC) No 1935/2004 on specific migration of Phthalate	Pass
	European Commission Regulation No. 10/2011 Annex I and II, and Amendment No. 2020/1245 and Regulation (EC) No 1935/2004 on Specific Migration of Primary Aromatic Amines	Pass
	AfPS GS 2019:01 PAK (PAH) on Polycyclic Aromatic Hydrocarbons (PAHs) content	Pass
	Applicant`s requirement on Bisphenol-A content	Pass
	German Food, Commodities and Feed Code (LFGB) on Sensory Evaluation	Pass
	Resolution ResAP(2004)4 on N-nitrosamines and N-nitrosatable Substances	Pass
	German Food, Commodities and Feed Code (LFGB) and BfR Recommendation XV on Volatile Organic Matter Content for Silicone Rubber	Pass
	Cadmium content requirement in Commission Regulation (EU) No. 494/2011 of 20 May 2011, (EU) No. 835/2012 of 18 September 2012 and (EU) No. 2016/217 of 16 February 2016 Amending Annex XVII entry 23 of the REACH Regulation (EC) No. 1907/2006	Pass
	Lead content requirement in Commission Regulation (EU) 2015/628 of 22 April 2015 Amending Annex XVII Entry 63 of the REACH Regulation (EC) No. 1907/2006	Pass

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To be continued

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上海天祥质量技术服务有限公司
3/F. of Block D, & Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋
Tel: +86 21 53396000
www.intertek.com
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Test Report Number: SHAH01829079

Tested Sample	Standard	Result
Tested Components of Submitted Sample	REACH Regulation (EC) No. 1907/2006 Annex XVII, Entry 51 &52 Amendments No. 552/2009 & (EU) 2018/2005 on Phthalates Content	Pass
	Phthalate contents (SVHC substance)	Pass
	Tris (2-Chloroethyl) Phosphate (TCEP) content (SVHC substance)	Pass
	Octamethylcyclotetrasiloxane (D4), Decamethylcyclopentasiloxane (D5) and Dodecamethylcyclohexasiloxane (D6) contents (SVHC substance)	Pass
	Dibutylbis(pentane-2,4-dionato-O,O')tin content (SVHC substance)	Pass
	C.I. Basic Violet 3 content (SVHC substance)	Pass
	2-methylimidazole content (SVHC substance)	Pass
	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) content (SVHC substance)	Pass
	EU POPs Regulation (EU) 2019/1021 on Short-Chain Chlorinated Paraffins (C10~C13)(SCCPs) Content	Pass
	European Directive 94/62/EC and Amendments 2004/12/EC & 2005/20/EC & 2013/2/EU on Packaging and Packaging Waste for Toxic Elements Test	Pass

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To be continued

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Test Report Number： SHAH01829079

Tests Conducted

1 European Commission Regulation (EU) No. 10/2011 and it's Amendments on 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:

Test No.	Time and Temperature
OM3	2 hours at 70 °C

II. Test Results：

Tested Component	Result in mg/dm^2					
	3% (w/v) Acetic Acid			50%(v/v) Ethanol		
	1st migration	2nd migration	3rd migration	1st migration	2nd migration	3rd migration
(1)	<3	<3	<3	<3	<3	<3
(2)	<3	<3	<3	<3	<3	<3
(3)	<3	<3	<3	<3	<3	<3
Limit in mg/dm^2	10			10		

Requirement:
Result of 3rd migration < OML, 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 = 5.57 dm^2 : 800 mL.
Ratio of food contact surface area to volume of component (2) used to establish the compliance of material or article = 5.02 dm^2 : 800 mL.
Ratio of food contact surface area to volume of component (3) used to establish the compliance of material or article = 1.42 dm^2 : 237 mL.

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

Date Sample Received： Jun.4, 2025
Testing Period：Jun.4, 2025 to Jun.17, 2025

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To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
3/F. of Block D, & Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋
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www.intertek.com
www.intertek.com.cn

Test Report Number： SHAH01829079

Tests Conducted

2 Dutch Commodities Act on Packagings and Consumer Articles Regulation (Warenwetregeling verpakkingen en gebruiksartikelen) Annex A Chapter IV on Overall Migration for Metal Materials

As per Dutch Commodities Act on Packagings and Consumer Articles Regulation (Warenwetregeling verpakkingen en gebruiksartikelen) Annex B.

I. Test Condition:

Tested Component	Food Simulant	Time (hour)	Temperature (^{o}C)
(8)	3% (w/v) Acetic Acid	2	70
	50% (v/v) Ethanol	2	70

II. Test Result:

Food Simulant	Result (mg/kg) (8)			Limit (mg/kg)
	1st migration	2nd migration	3rd migration	
3% (w/v) Acetic Acid	ND	ND	ND	60
50% (v/v) Ethanol	ND	ND	ND	60

Ratio of food contact surface area to volume of component (8) used to establish the compliance of material or article = 4.93 dm^2 : 800 mL.

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

Remark： ND = Not detected
Reporting Limit = 10 mg/kg

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

Date Sample Received： Jun.4, 2025
Testing Period：Jun.4, 2025 to Jun.17, 2025

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上海天祥质量技术服务有限公司
3/F. of Block D, & Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋
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www.intertek.com.cn

Tests Conducted

3 Resolution ResAP(2004)5 on Overall Migration for Silicones Intended to Come into Contact with Foodstuffs

With reference to EU JRC Guideline of Testing Conditions for Kitchenware Articles in Contact with Foodstuffs: Plastics, Metals, Silicone & rubber, and (EU) No 10/2011 and its amendment.

I. Test Condition:

Aqueous Food Simulant: 3% (w/v) Acetic Acid & 50% (v/v) Ethanol	
Test No.	Time and Temperature
OM3	2 hours at 70 °C

II .Test Results：

：

Tested Component	Result in mg/dm^2					
	3% (w/v) acetic acid			50% (v/v) ethanol		
	1st migration	2nd migration	3rd migration	1st migration	2nd migration	3rd migration
(4)	<1	<1	<1	<1	<1	<1
Limit in mg/dm^2	10			10		

Ratio of food contact surface area to volume of component (4) used to establish the compliance of material or article = 5.15 dm^2 : 800 mL.

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

Date Sample Received： Jun.4, 2025

Testing Period：Jun.4, 2025 to Jun.17, 2025

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To be continued

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上海天祥质量技术服务有限公司

3/F. of Block D, & Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China

上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋

Tel: +86 21 53396000

www.intertek.com
www.intertek.com.cn

Tests Conducted

4 European Resolution CM/Res(2020)9 and the Supplementary Technical Guide on Metals and Alloys Used in Food Contact Materials and Articles(EDQM 2nd Edition, 2024) on Specific Migration of Heavy Metal

With reference to EU Resolution CM/Res (2020)9 and the supplementary Technical Guide on metals and alloys used in food contact materials and articles(EDQM 2nd Edition,2024) and JRC guideline 2021, migration test was conducted and heavy metal content were determined by Inductively Coupled Plasma Mass Spectrometer (ICP-MS) with reference to ISO 17294-2: 2016.

I. Test Condition：
Food Simulant：Citric Acid (5 g/L)
Temperature： 40 ℃ Time：24 hours

II. Test Result：

Test Item	Result (1st Test) (mg/kg)	Result (2nd Test) (mg/kg)	Result (1st Test) + Result (2nd Test) (mg/kg) (8)	7*Limit (mg/kg)	Result (3rd Test) (mg/kg) (8)	Limit (mg/kg)
Silver (Ag)	<0.01	<0.01	<0.01	0.56	<0.01	0.08
Aluminium (Al)	<1	<1	<1	35	<1	5
Chromium (III) (Cr III)^	<0.05	<0.05	<0.05	7	<0.05	1
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	3.85	<0.1	0.55
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
Zirconium (Zr)	<1	<1	<1	14	<1	2
Antimony (Sb)	<0.005	<0.005	<0.005	0.28	<0.005	0.04
Arsenic (As)	<0.0004	0.0011	0.0011	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)	0.0009	0.0007	0.0016	0.021	0.0005	0.003
Thallium (Tl)	<0.00002	<0.00002	<0.00002	0.007	<0.00002	0.0001
Magnesium (Mg)	<5	<5	<5	--	<5	--
Titanium (Ti)	<0.1	<0.1	<0.1	--	<0.1	--

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上海天祥质量技术服务有限公司
3/F. of Block D, & Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋
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Tests Conducted

Ratio of food contact surface area to volume of component (8) used to establish the compliance of material or article = 3.41 dm^2 : 533 mL.

Remark：^ = Chromium (III) content was derived from migration results of total Chromium.

The submitted sample/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.

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

Date Sample Received： Jun.4, 2025
Testing Period：Jun.4, 2025 to Jun.17, 2025

5 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:
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		
	1st migration	2nd migration	3rd migration
(1)	ND	ND	ND
(2)	ND	ND	ND
(3)	ND	ND	ND
Limit in mg/kg	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 (1) used to establish the compliance of material or article = 5.57 dm^2 : 800 mL.
Ratio of food contact surface area to volume of component (2) used to establish the compliance of material or article = 5.02 dm^2 : 800 mL.
Ratio of food contact surface area to volume of component (3) used to establish the compliance of material or article = 1.42 dm^2 : 237 mL.

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To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
3/F. of Block D, & Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋
Tel: +86 21 53396000
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Test Report Number： SHAH01829079

Tests Conducted

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.4, 2025
Testing Period：Jun.4, 2025 to Jun.17, 2025

6 European Commission Regulation (EU) No 10/2011 and it's Amendment on 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:

Element	Result (mg/kg) (1)			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
Sum of (Eu, Gd, La, Tb)	ND	ND	ND	0.04	0.05

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To be continued

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Tests Conducted

Element	Result (mg/kg) (2)			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
Sum of (Eu, Gd, La, Tb)	ND	ND	ND	0.04	0.05

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To be continued

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Test Report Number： SHAH01829079

Tests Conducted

Element	Result (mg/kg) (3)			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
Sum of (Eu, Gd, La, Tb)	ND	ND	ND	0.04	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)

Ratio of food contact surface area to volume of component (1) used to establish the compliance of material or article = 5.57 dm^2 : 800 mL.
Ratio of food contact surface area to volume of component (2) used to establish the compliance of material or article = 5.02 dm^2 : 800 mL.
Ratio of food contact surface area to volume of component (3) used to establish the compliance of material or article = 1.42 dm^2 : 237 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.4, 2025
Testing Period：Jun.4, 2025 to Jun.17, 2025

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To be continued

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上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋
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www.intertek.com.cn

Tests Conducted

7 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:

Food Simulant	Time and Temperature
50% (v/v) Ethanol	24 hours at 40 °C

II. Test Results:

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

Tested Component	Result in mg/kg		
	50% (v/v) Ethanol		
	1st migration	2nd migration	3rd migration
(1)	<1	<1	<1
(2)	<1	<1	<1
(3)	<1	<1	<1
Limit in mg/kg	6		

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

Dibutyl Phthalate (DBP) (CAS No.87-74-2)

Tested Component	Result in mg/kg		
	50% (v/v) Ethanol		
	1st migration	2nd migration	3rd migration
(1)	<0.1	<0.1	<0.1
(2)	<0.1	<0.1	<0.1
(3)	<0.1	<0.1	<0.1
Limit in mg/kg	0.12		

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		
	50% (v/v) Ethanol		
	1st migration	2nd migration	3rd migration
(1)	<1	<1	<1
(2)	<1	<1	<1
(3)	<1	<1	<1
Limit in mg/kg	1.8		

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To be continued

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Test Report Number： SHAH01829079

Tests Conducted

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

Tested Component	Result in mg/kg		
	50% (v/v) Ethanol		
	1st migration	2nd migration	3rd migration
(1)	ND	ND	ND
(2)	ND	ND	ND
(3)	ND	ND	ND
Limit in mg/kg	ND		

Sum of DBP, DIBP, BBP and DEHP (Expressed as DEHP)

Tested Component	Result in mg/kg		
	50% (v/v) Ethanol		
	1st migration	2nd migration	3rd migration
(1)	<0.6	<0.6	<0.6
(2)	<0.6	<0.6	<0.6
(3)	<0.6	<0.6	<0.6
Limit in mg/kg	0.6		

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 = 5.57 dm^2 : 800 mL.
Ratio of food contact surface area to volume of component (2) used to establish the compliance of material or article = 5.02 dm^2 : 800 mL.
Ratio of food contact surface area to volume of component (3) used to establish the compliance of material or article = 1.42 dm^2 : 237 mL.

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

For sum of DBP, DIBP, BBP and DEHP (Expressed as DEHP), below equation was used:
Sum = DBP x 5+ DIBP x 4 + BBP x 0.1 + DEHP x 1

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

Date Sample Received： Jun.4, 2025
Testing Period：Jun.4, 2025 to Jun.17, 2025

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To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
3/F. of Block D, & Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Test Report Number： SHAH01829079

Tests Conducted

8 European Commission Regulation No. 10/2011 Annex I and II, and its Amendment No. 2020/1245 on 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.

I. Test Condition:
Food Simulant: 3% (w/v) Acetic Acid
Temperature: 40 ºC Time: 24 hours

II. Test Result:

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

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To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
3/F. of Block D, & Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋
Tel: +86 21 53396000
www.intertek.com
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Test Report Number： SHAH01829079

Tests Conducted

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

****

To be continued

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上海天祥质量技术服务有限公司

3/F. of Block D, & Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China

上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋

Tel: +86 21 53396000

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Test Report Number： SHAH01829079

Tests Conducted

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

****

To be continued

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上海天祥质量技术服务有限公司

3/F. of Block D, & Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China

上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋

Tel: +86 21 53396000

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Test Report Number： SHAH01829079

Tests Conducted

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

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To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司

3/F. of Block D, & Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋

Tel: +86 21 53396000

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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 = 5.57 dm^2 : 800 mL.
Ratio of food contact surface area to volume of component (2) used to establish the compliance of material or article = 5.02 dm^2 : 800 mL.
Ratio of food contact surface area to volume of component (3) used to establish the compliance of material or article = 1.42 dm^2 : 237mL.
Ratio of food contact surface area to volume of component (4) used to establish the compliance of material or article = 5.15 dm^2 : 800 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.4, 2025
Testing Period：Jun.4, 2025 to Jun.17, 2025

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To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
3/F. of Block D, & Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Tests Conducted

9 Polycyclic Aromatic Hydrocarbons (PAHs) Content

As Per AfPS GS 2019:01 PAK, by solvent extraction and determined by Gas Chromatography – Mass Spectrometer (GC/MS).

(I) Test Results:

Test Item	CAS No.	Result (in mg/kg)		
		(1)	(2)	(3)
1.Phenanthrene	85-01-8	ND	ND	ND
2.Anthracene	120-12-7	ND	ND	ND
3.Fluoranthene	206-44-0	ND	ND	ND
4.Pyrene	129-00-0	ND	ND	ND
Sum (4 PAHs):	--	ND	ND	ND
5.Naphthalene	91-20-3	ND	ND	ND
6.Benzo(a)Anthracene	56-55-3	ND	ND	ND
7.Chrysene	218-01-9	ND	ND	ND
8.Indeno(1,2,3-cd)Pyrene	193-39-5	ND	ND	ND
9.Benzo(b)Fluoranthene	205-99-2	ND	ND	ND
10.Benzo(k)Fluoranthene	207-08-9	ND	ND	ND
11.Benzo(a)Pyrene	50-32-8	ND	ND	ND
12.Dibenzo(a,h)Anthracene	53-70-3	ND	ND	ND
13.Benzo(g,h,i)Perylene	191-24-2	ND	ND	ND
14.Benzo(e)Pyrene	192-97-2	ND	ND	ND
15. Benzo(j)Fluoranthene	205-82-3	ND	ND	ND
Sum (15 PAHs):	--	ND	ND	ND
Classification of Samples: Category		1	1	1

ND= Not detected (Less than reporting limit)
Reporting limit = 0.2 mg/kg

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To be continued

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上海天祥质量技术服务有限公司
3/F. of Block D, & Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋
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Test Report Number： SHAH01829079

Tests Conducted

(II) Limits for PAHs in Products:

Parameter	Category 1	Category 2		Category 3	
--	Materials intended to be placed in the mouth, or materials coming into long-term contact with skin (more than 30s) during the intended use - in toys according to Directive 2009/48/EC or -for the use by children up to 3 years of age	Materials that are not covered by Category 1, with long-term skin contact (longer than 30s) or repeated short-term skin contact if used as intended or foreseeable 2a. used by children 2b. other consumer products		Materials that are not covered by Category 1 or 2, with short-term skin contact (up to 30 s) when used as intended or foreseeable 3a. used by children 3b. other consumer products	
		2a	2b	3a	3b
Phenanthrene	--	--	--	--	--
Anthracene	--	--	--	--	--
Fluoranthene	--	--	--	--	--
Pyrene	--	--	--	--	--
Sum (4 PAHs):	<1	<5	<10	<20	<50
Naphthalene	<1	<2	<2	<10	<10
Benzo(a)Anthracene	<0.2	<0.2	<0.5	<0.5	<1
Chrysene	<0.2	<0.2	<0.5	<0.5	<1
Indeno(1,2,3-cd)Pyrene	<0.2	<0.2	<0.5	<0.5	<1
Benzo(b)Fluoranthene	<0.2	<0.2	<0.5	<0.5	<1
Benzo(k)Fluoranthene	<0.2	<0.2	<0.5	<0.5	<1
Benzo(a)Pyrene	<0.2	<0.2	<0.5	<0.5	<1
Dibenzo(a,h)Anthracene	<0.2	<0.2	<0.5	<0.5	<1
Benzo(g,h,i)Perylene	<0.2	<0.2	<0.5	<0.5	<1
Benzo(e)Pyrene	<0.2	<0.2	<0.5	<0.5	<1
Benzo(j)Fluoranthene	<0.2	<0.2	< 0.5	<0.5	<1
Sum (15 PAHs):	<1	<5	<10	<20	<50

Assessment: Since no accessible plastic, rubber, synthetic fabric and lacquer / coating were found on the submitted sample or the sample weight were less than 50mg of the above-mentioned material, the testing scope of AfPS GS 2019:01 PAK (PAH) on Polycyclic Aromatic hydrocarbons (PAHs) content was not applicable to the submitted sample(s).

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

Date Sample Received： Jun.4, 2025
Testing Period：Jun.4, 2025 to Jun.10, 2025

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To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
3/F. of Block D, & Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Tests Conducted

10 Phthalate Content in Food Contact Plastic Article

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

Test Item	Result (%, w/w) (1+2+3)	Detection Limit (%, w/w)	Limit (%, w/w) (Max.)
Dibutyl Phthalate (DBP)	ND	0.01	0.05
Diethyl Hexyl Phthalate (DEHP)	ND	0.01	0.1
Benzyl Butyl Phthalate (BBP)	ND	0.01	0.1
Di-(iso-nonyl) Phthalate (DINP)	ND	0.01	0.1
Di-(iso-decyl) Phthalate (DIDP)	ND	0.01	0.1

Remark：ND = Not Detected (Less than detection limit)

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

Date Sample Received： Jun.4, 2025
Testing Period：Jun.4, 2025 to Jun.10, 2025

11 Bisphenol-A Content

By solvent extraction and followed by High Performance Liquid Chromatography- Mass Spectrometry (HPLC-MS)/Liquid Chromatography- Tandem Mass Spectrometry (LC-MS/MS) analysis.

Test Item	Result (mg/kg)			Detection Limit (mg/kg)	Applicant`s Requirement (mg/kg)
	(1)	(2)	(3)		
Bisphenol-A	ND	ND	ND	0.1	0.1

Remark：ND = Not Detected (Less than detection limit)

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

Date Sample Received： Jun.4, 2025
Testing Period：Jun.4, 2025 to Jun.10, 2025

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司

3/F. of Block D, & Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋

Tel: +86 21 53396000

www.intertek.com
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Tests Conducted

12 German Food, Commodities and Feed Code (LFGB) on Sensory Evaluation

With reference to DIN 10955.

I. Test Procedure：
Sample was thoroughly rinsed with distilled water and then filled with distilled water to capacity. Filled sample was kept at ambient temperature 40 °C and relative humidity (40-80%) for 24 hours. Off-odor and off-taste was evaluated with 6 panelists using control sample of distilled water.

II. Test Result：

Test Item	Result (11)	Limit
Appearance	Clear, Colourless	Clear, Colourless
Odor	1.0	2.5
Taste	1.0	2.5

Assessment：
Intensity scale：
0 = No perceptible odour / taste
1 = Odour / taste just perceptible (but still difficult to define)
2 = Slight odour / taste
3 = Distinct odour / taste
4 = Strong odour / taste

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

Date Sample Received： Jun.4, 2025
Testing Period：Jun.4, 2025 to Jun.10, 2025

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
3/F. of Block D, & Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Tests Conducted

13 Resolution ResAP(2004)4 on N-nitrosamines and N-nitrosatable Substances

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 amendments.

I. Test Condition:

Food Simulant	Time	Temperature
50% (v/v) ethanol	24 hours	40°C

II. Test Result：

Test Item	Result (mg/kg)	Detection Limit (mg/kg)	Requirement (mg/kg)
	(4)		
N-nitrosamines	ND	0.01	ND
N-nitrosatable substances	ND	0.1	ND

Remark：ND = Not Detected (Less than detection limit)

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

Date Sample Received： Jun.4, 2025
Testing Period：Jun.4, 2025 to Jun.10, 2025

14 German Food, Commodities and Feed Code (LFGB) and BfR Recommendation XV on Volatile Organic Matter Content for Silicone Rubber

As per BFR Recommendation XV.

I. Test Condition：
Temperature: 200 ℃ Time: 4 hours

II. Test Result：

Test Item	Result (%, w/w)	Reporting Limit (%, w/w)	Requirement (%, w/w) (Max.)
	(4)		
Volatile Organic Matter (VOM)	0.4	0.1	0.5

The cut sample was conditioned at 100 ℃ for 1 hour to remove sorbed water before treatment at 200 ℃ for 4 hours.

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

Date Sample Received： Jun.4, 2025
Testing Period：Jun.4, 2025 to Jun.17, 2025

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To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
3/F. of Block D, & Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Tests Conducted

15 REACH Regulation (EC) No. 1907/2006 ANNEX XVII Entry 23 on Cadmium (Cd) Content

With reference to methods EN 1122 (Method B)/ IEC 62321-5：2013/ ISO 11885：2007, acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

(Plastic Components)

Test Item	Result (%)		Detection Limit (%)	Limit(%) (Max.)
	(1+2)	(3+4)		
Cadmium (Cd)	ND	ND	0.0005	0.01

(Painted Article)

Test Item	Result (%)	Detection Limit (%)	Limit(%) (Max.)
	(5+6+7)		
Cadmium (Cd)	ND	0.0005	0.1

Remark：ND = Not Detected (Less than detection limit)

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

Date Sample Received： Jun.4, 2025
Testing Period：Jun.4, 2025 to Jun.10, 2025

16 Lead (Pb) Content (REACH Regulation (EC) No 1907/2006 Annex XVII Entry 63)

With reference to method IEC 62321-5:2013, microwave digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result (%)			Reporting Limit (%)	Limit (%)
	(1+2)	(3+4)	(5+6+7)		
Lead (Pb)	ND	ND	ND	0.001	0.05

Test Item	Result (%)	Reporting Limit (%)	Limit (%)
	(8)		
Lead (Pb)	ND	0.001	0.05

The limit was quoted according to Commission Regulation (EU) 2015/628 amending the REACH Regulation (EC) No 1907/2006 Annex XVII (Entry 63) for Lead content in articles which may be placed in the mouth by children during normal or reasonably foreseeable conditions of use.

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

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

Date Sample Received： Jun.4, 2025
Testing Period：Jun.4, 2025 to Jun.10, 2025

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To be continued

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Tests Conducted

17 REACH Regulation (EC) No. 1907/2006 Annex XVII Entry 51 and Entry 52 & Amendments No. 552/2009 & (EU) 2018/2005 on Phthalates Content

With reference to ISO 8124-6: 2023 method A or C, followed by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis (Internal/ external standard method).

I. Annex XVII Entry 51

Test Item	CAS No.	Result (%,w/w) (4)	Reporting Limit (%,w/w)	Limit (%,w/w)
Dibutyl phthalate (DBP)	84-74-2	ND	0.005	--
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	0.005	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	0.005	--
Sum of DBP, DEHP, BBP and DIBP	--	ND	--	0.1

The above limit was quoted according to Annex XVII Entry 51 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009& Amendment Commission Regulation (EU) 2018/2005 for Phthalate content in articles.

II. Annex XVII Entry 52

Test Item	CAS No.	Result (%,w/w) (4)	Reporting Limit (%,w/w)	Limit (%,w/w)
Di-n-octyl phthalate (DnOP)	117-84-0	ND	0.005	--
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	0.005	--
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	0.005	--
Sum of DINP, DNOP and DIDP	--	ND	--	0.1

The above limit was quoted according to Annex XVII Entry 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 for Phthalate content in toys and childcare articles.

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

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

Date Sample Received： Jun.4, 2025
Testing Period：Jun.4, 2025 to Jun.10, 2025

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To be continued

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Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Test Report Number： SHAH01829079

Tests Conducted

18 Phthalates Content (In SVHC List)

By solvent extraction and followed by Gas Chromatography – Mass Spectrometry analysis.

Test Item	CAS No.	Result (%)
		(4)
Bis (2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND
Dibutyl Phthalate (DBP)	84-74-2	ND
Benzyl Butyl Phthalate (BBP)	85-68-7	ND
Diisobutyl Phthalate (DIBP)	84-69-5	ND
1,2-Benzenedicarboxylic acid, di-C_{7-11}-branched and linear alkyl esters (DHNUP)	68515-42-4	ND
1,2-Benzenedicarboxylic acid, di-C_{6-8}-branched alkyl esters, C_7-rich (DIHP)	71888-89-6	ND
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	ND
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	ND
Diisopentylphthalate (DIPP)	605-50-5	ND
N-pentyl-isopentylphthalate	776297-69-9	ND
Dipentyl phthalate (DPP)	131-18-0	ND
Dihexyl phthalate	84-75-3	ND
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	ND
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5; 68648-93-1	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	ND
Diisohexyl phthalate	71850-09-4	ND

Remark： Reporting limit=0.010%
SVHC = Substance of very high concern
ND = Not detected (the result is less than the reporting limit)
Reporting limit = Quantitation limit of analyte in sample

Notes:
1. Substances of very high concern (SVHC) are classified as:
(a) Carcinogenicity category 1A or 1B;
(b) Germ cell mutagenicity category 1A or 1B;
(c) Reproductive toxicity category 1A or 1B, adverse effects on sexual function and fertility or on development;
(d) Persistent, bioaccumulative and toxic (PBT)
(e) Very persistent and very bioaccumulative (vPvB)
(f) Other substances for which there is scientific evidence of probable serious effects to human health or the environment which give rise to an equivalent level of concern, such as endocrine disrupters

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To be continued

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上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋
Tel: +86 21 53396000
www.intertek.com
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Test Report Number： SHAH01829079

Tests Conducted

REACH Requirement:

As per Article 7 of Regulation (EC) No 1907/2006 (REACH) as amended, if a substance of very high concern (SVHC) on the Candidate List for Authorisation is present in articles above a concentration of 0.1% weight by weight (w/w) and the substance is present in those articles in quantities totalling over 1 tonne per producer or per importer per year, then the producer or importer shall notify the European Chemicals Agency (ECHA). The notifications have to be submitted no later than 6 months after the inclusion in the Candidate List. The information to be notified shall include the following:
(a) Identity and contact details of the producer or importer;
(b) Registration number(s), if available;
(c) Identity of the substance;
(d) Classification of the substance(s);
(e) Brief description of the use(s) of the substance(s) in the article and of the uses of the article(s);
(f) Tonnage range of the substance(s).

As per Article 31 of Regulation (EC) No 1907/2006 (REACH) as amended, the supplier of mixture not classified as hazardous according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP), shall provide the recipient at his request with a safety data sheet, where a mixture contains at least one substance on the SVHC list (Candidate List of substances of very high concern for Authorisation) and its individual concentration is of 0.1% or above by weight for non-gaseous mixtures.

As per Article 33(1) of Regulation (EC) No 1907/2006 (REACH) as amended, any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with information of safe use of the article. An article meets the requirement of Article 33(1) by default when no SVHC exceeds 0.1% weight by weight (w/w).

As per Article 33(2) of Regulation (EC) No 1907/2006 (REACH) as amended, any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) shall provide the consumer on request with information of safe use of the article, within 45 days of receipt of the request.

As per Court of Justice of the European Union Judgment in Case C-106/14, Press Release No 100/15 dated 10 September 2015, each of the articles incorporated as a component of a complex product is covered by the relevant duties to notify and provide information when they contain a substance of very high concern in a concentration above 0.1% of their mass.

Waste Framework Directive (WFD) Requirement:
As per Article 9(1)(i) of Directive 2008/98/EC on waste (WFD, Waste Framework Directive) as amended, Member States shall take measures to ensure that any supplier of an article as defined in point 33 of Article 3 of Regulation (EC) No 1907/2006 (REACH) provides the information pursuant to Article 33(1) of Regulation (EC) No 1907/2006 (REACH) to the European Chemicals Agency (ECHA) as from 5 January 2021. Any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) on the EU market is required to submit a SCIP Notification on that article to ECHA, as from 5 January 2021.

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

Date Sample Received： Jun.4, 2025
Testing Period：Jun.4, 2025 to Jun.11, 2025

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To be continued

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上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋
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www.intertek.com
www.intertek.com.cn

Tests Conducted

19 Tris (2-Chloroethyl) Phosphate (TCEP) Content

By solvent extraction and followed by Liquid Chromatography - Mass Spectrometry analysis.

Test Item	CAS No.	Result (%)
		(4)
Tris (2-Chloroethyl) Phosphate	115-96-8	ND

Remark：Reporting limit=0.010%
SVHC = Substance of very high concern
ND = Not detected (the result is less than the reporting limit)
Reporting limit = Quantitation limit of analyte in sample

Notes:
1. Substances of very high concern (SVHC) are classified as:
(a) Carcinogenicity category 1A or 1B;
(b) Germ cell mutagenicity category 1A or 1B;
(c) Reproductive toxicity category 1A or 1B, adverse effects on sexual function and fertility or on development;
(d) Persistent, bioaccumulative and toxic (PBT)
(e) Very persistent and very bioaccumulative (vPvB)
(f) Other substances for which there is scientific evidence of probable serious effects to human health or the environment which give rise to an equivalent level of concern, such as endocrine disrupters

REACH Requirement:

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To be continued

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上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Test Report Number： SHAH01829079

Tests Conducted

As per Article 33(1) of Regulation (EC) No 1907/2006 (REACH) as amended, any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with information of safe use of the article. An article meets the requirement of Article 33(1) by default when no SVHC exceeds 0.1% weight by weight (w/w).

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

Date Sample Received： Jun.4, 2025
Testing Period：Jun.4, 2025 to Jun.11, 2025

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To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
3/F. of Block D, & Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋
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Tests Conducted

20 Octamethylcyclotetrasiloxane (D4),Decamethylcyclopentasiloxane(D5) and Dodecamethylcyclohexasiloxane (D6) Content

By solvent extraction and followed by Gas Chromatography – Mass Spectrometry analysis.

Test Item	CAS No.	Result (%)
		(4)
Octamethylcyclotetrasiloxane (D4)	556-67-2	ND
Decamethylcyclopentasiloxane (D5)	541-02-6	ND
Dodecamethylcyclohexasiloxane (D6)	540-97-6	ND

Remark：Reporting limit=0.010%
SVHC = Substance of very high concern
ND = Not detected (the result is less than the reporting limit)

Notes:
1. Substances of very high concern (SVHC) are classified as:
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REACH requirement:

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To be continued

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Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Test Report Number： SHAH01829079

Tests Conducted

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As per Court of Justice of the European Union Judgment in Case C-106/14, Press Release No 100/15 dated 10 September 2015, each of the articles incorporated as a component of a complex product is covered by the relevant duties to notify and provide information when they contain a substance of very high concern in a concentration above 0.1% of their mass.

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

Date Sample Received： Jun.4, 2025
Testing Period：Jun.4, 2025 to Jun.11, 2025

21 Dibutylbis(pentane-2,4-dionato-O,O')tin Content

By acid digestion and followed by Inductively Coupled Plasma- Optical Emission Spectrometer (ICP-OES) analysis.

Test Item	CAS No.	Result (%, w/w)
		(1+2+3)
Dibutylbis(pentane-2,4-dionato-O,O')tin Δ	22673-19-4	ND

Remark： ND = Not Detected (Less than reporting limit)
Reporting limit = 0.01%
Δ = Determination was based on elemental analysis. The content was calculated based on assumption of worst-case.

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To be continued

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Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Tests Conducted

REACH Requirement:

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(f) Tonnage range of the substance(s).

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

Date Sample Received： Jun.4, 2025
Testing Period：Jun.4, 2025 to Jun.10, 2025

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To be continued

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Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Tests Conducted

22 C.I. Basic Violet 3 Content

By solvent extraction and determined by Liquid Chromatography with Tandem Mass Spectrometry (LC-MS-MS).

Test Item	Result (%, w/w)
	(4)
[4-[4,4'-Bis(dimethylamino) benzhydrylidene] cyclohexa-2,5-dien-1-ylidene]-dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone or Michler's base]	ND

Remark： ND = Not detected (Less than reporting limit)
Reporting limit = 0.01%

REACH Requirement:

As per Article 7 of Regulation (EC) No 1907/2006 (REACH) as amended, if a substance of very high concern (SVHC) on the Candidate List for Authorisation is present in articles above a concentration of 0.1% weight by weight (w/w) and the substance is present in those articles in quantities totalling over 1 tonne per producer or per importer per year, then the producer or importer shall notify the European Chemicals Agency (ECHA). The notifications have to be submitted no later than 6 months after the inclusion in the Candidate List. The information to be notified shall include the following:
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(d) Classification of the substance(s);
(e) Brief description of the use(s) of the substance(s) in the article and of the uses of the article(s);
(f) Tonnage range of the substance(s).

As per Article 31 of Regulation (EC) No 1907/2006 (REACH) as amended, the supplier of mixture not classified as hazardous according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP), shall provide the recipient at his request with a safety data sheet, where a mixture contains at least one substance on the SVHC list (Candidate List of substances of very high concern for Authorisation) and its individual concentration is of 0.1% or above by weight for non-gaseous mixtures.

As per Article 33(1) of Regulation (EC) No 1907/2006 (REACH) as amended, any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with information of safe use of the article. An article meets the requirement of Article 33(1) by default when no SVHC exceeds 0.1% weight by weight (w/w).

As per Article 33(2) of Regulation (EC) No 1907/2006 (REACH) as amended, any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) shall provide the consumer on request with information of safe use of the article, within 45 days of receipt of the request.

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To be continued

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上海天祥质量技术服务有限公司
3/F. of Block D, & Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Tests Conducted

As per Court of Justice of the European Union Judgment in Case C-106/14, Press Release No 100/15 dated 10 September 2015, each of the articles incorporated as a component of a complex product is covered by the relevant duties to notify and provide information when they contain a substance of very high concern in a concentration above 0.1% of their mass

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

Date Sample Received： Jun.4, 2025
Testing Period：Jun.4, 2025 to Jun.10, 2025

23 2-methylimidazole Content

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

Test Item	CAS No.	Result (%, w/w)
		(1+2+3)
2-methylimidazole	693-98-1	ND

Remark： ND = Not Detected (Less than reporting limit)
Reporting limit = 0.01%

REACH Requirement:

As per Article 7 of Regulation (EC) No 1907/2006 (REACH) as amended, if a substance of very high concern (SVHC) on the Candidate List for Authorisation is present in articles above a concentration of 0.1% weight by weight (w/w) and the substance is present in those articles in quantities totalling over 1 tonne per producer or per importer per year, then the producer or importer shall notify the European Chemicals Agency (ECHA). The notifications have to be submitted no later than 6 months after the inclusion in the Candidate List. The information to be notified shall include the following:
(a) Identity and contact details of the producer or importer;
(b) Registration number(s), if available;
(c) Identity of the substance;
(d) Classification of the substance(s);
(e) Brief description of the use(s) of the substance(s) in the article and of the uses of the article(s);
(f) Tonnage range of the substance(s).

As per Article 31 of Regulation (EC) No 1907/2006 (REACH) as amended, the supplier of mixture not classified as hazardous according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP), shall provide the recipient at his request with a safety data sheet, where a mixture contains at least one substance on the SVHC list (Candidate List of substances of very high concern for Authorisation) and its individual concentration is of 0.1% or above by weight for non-gaseous mixtures.

As per Article 33(1) of Regulation (EC) No 1907/2006 (REACH) as amended, any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with information of safe use of the article. An article meets the requirement of Article 33(1) by default when no SVHC exceeds 0.1% weight by weight (w/w).

As per Article 33(2) of Regulation (EC) No 1907/2006 (REACH) as amended, any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) shall provide the consumer on request with information of safe use of the article, within 45 days of receipt of the request.

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To be continued

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3/F. of Block D, & Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 D 栋 3 层、C 栋
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Test Report Number： SHAH01829079

Tests Conducted

As per Court of Justice of the European Union Judgment in Case C-106/14, Press Release No 100/15 dated 10 September 2015, each of the articles incorporated as a component of a complex product is covered by the relevant duties to notify and provide information when they contain a substance of very high concern in a concentration above 0.1% of their mass.

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

Date Sample Received： Jun.4, 2025
Testing Period：Jun.4, 2025 to Jun.10, 2025

24 Tris(4-nonylphenyl, Branched and Linear) Phosphite (TNPP) Content

By solvent extraction and followed by Gas Chromatography-Mass Spectrometry (GC-MS) / Liquid Chromatography with tandem mass spectrometry (LC-MS-MS) analysis.

Test Item	CAS No.	Result (%, w/w)
		(1+2+3)
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP)	-	ND

Remark：ND = Not Detected (Less than reporting limit)
Reporting limit = 0.01%

REACH Requirement:
As per Article 7 of Regulation (EC) No 1907/2006 (REACH) as amended, if a substance of very high concern (SVHC) on the Candidate List for Authorisation is present in articles above a concentration of 0.1% weight by weight (w/w) and the substance is present in those articles in quantities totalling over 1 tonne per producer or per importer per year, then the producer or importer shall notify the European Chemicals Agency (ECHA). The notifications have to be submitted no later than 6 months after the inclusion in the Candidate List. The information to be notified shall include the following:
(a) Identity and contact details of the producer or importer;
(b) Registration number(s), if available;
(c) Identity of the substance;
(d) Classification of the substance(s);
(e) Brief description of the use(s) of the substance(s) in the article and of the uses of the article(s);
(f) Tonnage range of the substance(s).

As per Article 31 of Regulation (EC) No 1907/2006 (REACH) as amended, the supplier of mixture not classified as hazardous according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP), shall provide the recipient at his request with a safety data sheet, where a mixture contains at least one substance on the SVHC list (Candidate List of substances of very high concern for Authorisation) and its individual concentration is of 0.1% or above by weight for non-gaseous mixtures.

As per Article 33(1) of Regulation (EC) No 1907/2006 (REACH) as amended, any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with information of safe use of the article. An article meets the requirement of Article 33(1) by default when no SVHC exceeds 0.1% weight by weight (w/w).

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To be continued

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Tests Conducted

As per Article 33(2) of Regulation (EC) No 1907/2006 (REACH) as amended, any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) shall provide the consumer on request with information of safe use of the article, within 45 days of receipt of the request.

As per Court of Justice of the European Union Judgment in Case C-106/14, Press Release No 100/15 dated 10 September 2015, each of the articles incorporated as a component of a complex product is covered by the relevant duties to notify and provide information when they contain a substance of very high concern in a concentration above 0.1% of their mass.

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

Date Sample Received： Jun.4, 2025
Testing Period：Jun.4, 2025 to Jun.10, 2025

25 EU POPs Regulation (EU) 2019/1021 on Short-Chain Chlorinated Paraffins (C10~C13)(SCCPs) Content

By solvent extraction, followed by Gas Chromatography-Electron Capture Detector (GC-ECD) and Gas Chromatography-Negative Chemical Ionization-Mass Spectrometry (GC-NCI-MS) analysis.

(For Articles)

Test Item	Result (%, w/w) (4)	Detection Limit (%, w/w)	Limit (%,w/w)
Short-Chain Chlorinated Paraffins (C10~C13) (SCCPs)	ND	0.01	0.15

The limit was quoted according to Annex I Part A of Regulation (EU) 2019/1021 on persistent organic pollutants (POPs) and its Amendments for Short-Chain Chlorinated Paraffins (C10~C13) (SCCPs) content.

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

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

Date Sample Received： Jun.4, 2025
Testing Period：Jun.4, 2025 to Jun.12, 2025

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To be continued

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Tests Conducted

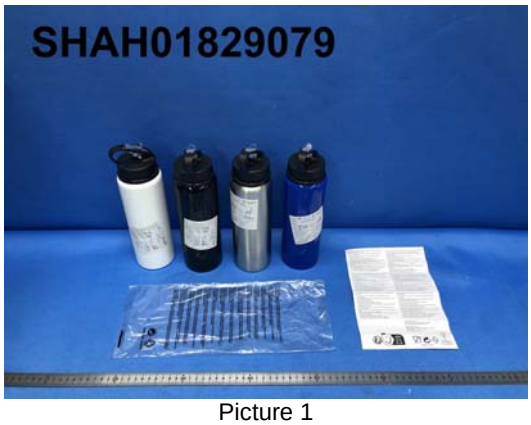
26 European Directive 94/62/EC and it's Amendments on Packaging and Packaging Waste for Toxic Elements Test

As per European Directive 94/62/EC and Amendments 2004/12/EC & 2005/20/EC & 2013/2/EU on packaging and packaging waste, acid digestion method was used and total toxic elements and Hexavalent Chromium content were determined by Inductively Coupled Argon Plasma Spectrometry and by UV-Visible Spectrophotometry.

Test Item	Result (ppm)		Detection Limit (ppm)	Limit (ppm)
	(9)	(10)		
Lead (Pb)	ND	ND	5	--
Cadmium (Cd)	ND	ND	5	--
Mercury (Hg)	ND	ND	5	--
Chromium VI (Cr (VI))	ND	ND	5	--
Total	(0-20)	(0-20)	--	100

Remark： ND= Not detected (Less than detection limit)
ppm = parts per million = mg/kg

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



Picture 1

Date Sample Received： Jun.4, 2025
Testing Period：Jun.4, 2025 to Jun.10, 2025

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To be continued

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Test Report Number： SHAH01829079

Tests Conducted

Components List：

1 Black plastic. (lid)-PP
2 Transparent plastic. (nozzle)-PS
3 Semi-transparent soft plastic. (straw)-PE
4 Semi-transparent soft plastic. (silicone ring)
5 White coating on metal. (design on body)
6 Blue coating on metal. (design on body)
7 Black coating on metal. (design on body)
8 Silver color metal. (inner body)
9 White paper with black printing. (instruction page)
10 Transparent plastic film with black coating. (bag)
11 Whole sample(White style)

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End Of Report

Intertek Testing Services Ltd., Shanghai
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