Test Report Number: SHAH0169414401

Applicant: PF CONCEPT INTERNATIONAL COOPERATIEF U.A
KABELWEG 1
2371 DX ROELOFARENDSVEEN
THE NETHERLANDS

Date: 04 Jun, 2024

Sample Description:

Item Name	:	Java ceramic tumbler
Item No.	:	10080801-WH, 10080852-BL, 10080861-GR, 10080890-BK
Vendor	:	#11236/#12331
Goods Exported To	:	Europe
Country Of Origin	:	China
P.O. No.	:	PO#663121
Date Sample Received	:	23 May, 2024
Testing Period	:	23 May, 2024 To 03 Jun, 2024

****

Tests Conducted:

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

****

Conclusion:

Tested Sample	Standard	Result
Tested Components of Submitted Sample	Dutch Commodities Act on Packagings and Consumer Articles Regulation (Warenwetregeling verpakkingen en gebruiksartikelen) Annex A Chapter VI on overall migration	Pass
	European Commission Regulation (EU) No. 10/2011, Amendment No. 2020/1245 and other Amendments and Regulation (EC) No. 1935/2004 - Overall migration	Pass
	Resolution ResAP(2004)5 on silicones used for food contact applications on overall migration	Pass
	European Council Directive 84/500/EEC and Commission Directive 2005/31/EC on leachable Lead and Cadmium released from ceramic article intended to come into contact with foodstuff	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
1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Test Report Number: SHAH0169414401

Tested Sample	Standard	Result
Tested Components of Submitted Sample	Dutch Commodities Act on Packagings and Consumer Articles Regulation (Warenwetregeling verpakkingen en gebruiksartikelen) Annex A Chapter VI on specific migration of heavy metals of ceramic / enamel ware	Pass
	Cobalt dichloride, Cobalt (II) carbonate,Cobalt (II) diacetate, Cobalt (II) dinitrate and Cobalt (II) sulphate content (SVHC substance)	Pass
	Disodium tetraborate, anhydrous, Tetraboron disodium heptoxide, hydrate and Diboron trioxide content (SVHC substance)	Pass
	Resolution ResAP(2004)4 on Nitrosamines & Nitrosatable substances in rubber	Pass
	German Food, Commodities and Feeding Act (LFGB) and BFR recommendation XV requirement for Volatile Organic Matter content on silicone rubber	Pass
	German Food, Commodities and Feeding Act(LFGB), Plastic Recommendation XV, Requirement on Extractable Substances in Silicone Rubber	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 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 (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

****

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
1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Test Report Number: SHAH0169414401

Tested Sample	Standard	Result
Tested Components of Submitted Sample	European Commission Regulation (EU) 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
	Sensory Evaluation	Pass
	European Commission Regulation (EU) No. 10/2011 Annex I, Amendment (EU) 2023/1442 and Regulation (EC) No 1935/2004 on Phthalate content	Pass
	Applicant`s requirement on Bisphenol-A content	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 Items 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 item 63 of the REACH Regulation (EC) No. 1907/2006	Pass
	Octamethylcyclotetrasiloxane (D4), Decamethylcyclopentasiloxane (D5) and Dodecamethylcyclohexasiloxane (D6) contents (SVHC substance)	Pass
	Tris (2-Chloroethyl) Phosphate (TCEP) content (SVHC substance)	Pass
	Phthalate contents (SVHC substance)	Pass
	Phthalates content requirement in Annex XVII Item 51&52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 & Amendment Commission Regulation (EU) 2018/2005 (formerly known as Directive 2005/84/EC)	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
1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Test Report Number： SHAH0169414401

Tested Sample	Standard	Result
Tested Components of Submitted Sample	Short-Chain Chlorinated Paraffins (C10~C13)(SCCPs) requirement in Regulation (EU) 2019/1021 on Persistent Organic Pollutants (POPs)	Pass
	C.I. Basic Violet 3 content (SVHC substance)	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
	Dibutylbis(pentane-2,4-dionato-O,O')tin content (SVHC substance)	Pass
	2-methylimidazole content (SVHC substance)	Pass
	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP) content (SVHC substance)	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

1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼

Tel: +86 21 53396000

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

Test Report Number： SHAH0169414401

Tests Conducted

1 Overall Migration

As per Dutch Commodities Act on Packagings and Consumer Articles Regulation (Warenwetregeling verpakkingen en gebruiksartikelen) Annex B chapter 4 and Commission Regulation (EU) No. 10/2011.

I. Test Condition:

Tested Component	Food Simulant	Time (hour)	Temperature (^{o}C)
(1)	3% (w/v) Acetic acid	2	70
	50% (v/v) Ethanol	2	70
(2)	3% (w/v) Acetic acid	2	70
	50% (v/v) Ethanol	2	70
(3)	3% (w/v) Acetic acid	2	70
	50% (v/v) Ethanol	2	70
(4)	3% (w/v) Acetic acid	2	70
	50% (v/v) Ethanol	2	70

II. Test Result:

Food Simulant	Result (mg/kg)												Limit (mg/kg)
	(1)			(2)			(3)			(4)			
	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	
3% (w/v) Acetic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	60
50% (v/v) Ethanol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	60

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 = 10mg/kg
As per client's request, the above condition and food simulant were used for the test.

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

Date Sample Received：May 23, 2024
Testing Period： May 23, 2024 To May 31, 2024

****

To be continued

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

1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼

Tel: +86 21 53396000

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

Tests Conducted

2 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	2nd	3rd	1st	2nd	3rd
(5)	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
(6)	<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
(8)	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
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 (5) used to establish the compliance of material or article = 1.2 dm^2 : 350 mL.
Ratio of food contact surface area to volume of component (6) used to establish the compliance of material or article = 1.2 dm^2 : 350 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 : 350 mL.
Ratio of food contact surface area to volume of component (8) used to establish the compliance of material or article = 1.2 dm^2 : 350 mL.

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

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

Date Sample Received：May 23, 2024

Testing Period： May 23, 2024 To May 31, 2024

****

To be continued

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

1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼

Tel: +86 21 53396000

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

Tests Conducted

3 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, and (EU) No 10/2011 and its amendment.

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	2nd	3rd	1st	2nd	3rd
(13)	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Limit in mg/dm^2	10			10		

Ratio of food contact surface area to volume of component (13) used to establish the compliance of material or article = 0.5 dm^2 : 350 mL.

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

Date Sample Received：May 23, 2024
Testing Period： May 23, 2024 To May 31, 2024

4 Leachable Lead and Cadmium Content

As per European Council Directive 84/500/EEC and Commission Directive 2005/31/EC by inductively coupled plasma emission spectrometer analysis.

Test Condition: 4% acetic acid, (20-24) ^oC, 24 hours

Tested Component	Leaching Volume (mL)	Result (mg/L)	
		Lead	Cadmium
(1)	360	<0.2	<0.02
(2)	360	<0.2	<0.02
(3)	360	<0.2	<0.02
(4)	360	<0.2	<0.02
	Limit (Category 2)：	4.0	0.3

Detection Limit: Lead: 0.2 mg/L, Cadmium: 0.02 mg/L

****

To be continued

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

1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼

Tel: +86 21 53396000

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

Test Report Number： SHAH0169414401

Tests Conducted

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

Date Sample Received：May 23, 2024
Testing Period： May 23, 2024 To May 24, 2024

5 Specific Migration of Heavy Metals

Sample with 3% acetic acid as food simulant, and selection of test condition by Commission Regulation (EU) No. 10/2011, 3 successive migrations were taken and migration solutions were analyzed by Inductively Coupled Plasma – Mass Spectrometry (ICP-MS).

I. Test condition:

Tested Component	Time (hour) and Temperature(ºC)
(1)	Fill the test item at boiling temperature and leave it closed for 24 hours.
(2)	Fill the test item at boiling temperature and leave it closed for 24 hours.
(3)	Fill the test item at boiling temperature and leave it closed for 24 hours.
(4)	Fill the test item at boiling temperature and leave it closed for 24 hours.

II. Test result:

Element	Result in mg/kg												Reporting Limit (mg/kg)	Limit (mg/kg)
	(1)			(2)			(3)			(4)				
	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd		
Arsenic (As)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	0.01
Barium (Ba)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.25	1
Boron(B)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2	1
Cadmium(Cd)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	0.01
Chromium(Cr)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01	0.1
Cobalt(Co)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01	0.05
Mercury(Hg)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	0.005
Lead (Pb)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01	0.1
Lithium (Li)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1	0.6
Rubidium (Rb)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2	1
Selenium(Se)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	0.01
Strontium (Sr)	ND	ND	ND	ND	ND	ND	0.3	ND	ND	ND	ND	ND	0.2	1

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

Remark： ND = Not detected
As per client's request, the above condition and food simulant were used for the test.

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

Date Sample Received：May 23, 2024
Testing Period： May 23, 2024 To May 31, 2024

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Tests Conducted

6 Cobalt Dichloride, Cobalt (II) Carbonate, Cobalt (II) Diacetate, Cobalt (II) Dinitrate and Cobalt (II) Sulphate 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+4)
Cobalt dichloride Δ	7646-79-9	ND
Cobalt (II) carbonate Δ	513-79-1	ND
Cobalt (II) diacetate Δ	71-48-7	ND
Cobalt (II) dinitrate Δ	10141-05-6	ND
Cobalt (II) sulphate Δ	10124-43-3	ND

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

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.

****

To be continued

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

1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼

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

Date Sample Received：May 23, 2024
Testing Period： May 23, 2024 To May 30, 2024

7 Disodium Tetraborate, anhydrous, Tetraboron Disodium Heptoxide, hydrate and Diboron Trioxide 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+4)
Disodium tetraborate, anhydrous Δ	1303-96-4 1330-43-4 12179-04-3	ND
Tetraboron disodium heptoxide, hydrate Δ	12267-73-1	ND
Diboron trioxide Δ	1303-86-2	ND

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

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.

****

To be continued

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

1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼

Tel: +86 21 53396000

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

Test Report Number： SHAH0169414401

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).

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

Date Sample Received：May 23, 2024
Testing Period： May 23, 2024 To May 30, 2024

8 Specific Migration of 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 and Temperature
50% (v/v) ethanol	Fill the test item at boiling temperature and leave it closed for 24 hours.

II. Test Result：

Test Item	Result (mg/kg) (13)			Detection Limit (mg/kg)	Requirement (mg/kg)
	1st	2nd	3rd		
N-nitrosamines	ND	ND	ND	0.01	ND
N-nitrosatable substances	ND	ND	ND	0.1	ND

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

The analytical results were adjusted by subtracting analytical correction factor.

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

Date Sample Received：May 23, 2024
Testing Period： May 23, 2024 To Jun.3, 2024

****

To be continued

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

1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼

Tel: +86 21 53396000

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

Tests Conducted

9 Volatile Organic Matter of Silicone Rubber

As per BFR recommendation XV.

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

II. Test Result：

Test Item	Result (% , w/w) (13)	Reporting Limit (% , w/w)	Requirement (% , w/w) (Max.)
Volatile Organic Matter(VOM)	0.2	0.1	0.5

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

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

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

Date Sample Received：May 23, 2024
Testing Period： May 23, 2024 To May 31, 2024

10 Extractable Substances Of Silicone Rubber

As per LFGB, Plastic Recommendation XV.

Food Simulant	Result (%) (13)	Limit (%)
3% (w/v) acetic acid	<0.1	0.5
10% (v/v) ethanol	<0.1	0.5
Water	<0.1	0.5

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

Date Sample Received：May 23, 2024
Testing Period： May 23, 2024 To May 31, 2024

****

To be continued

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

1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼

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

Tests Conducted

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:
Food simulant: 3% (w/v) acetic acid
Fill the test item at boiling temperature and leave it closed for 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	2nd	3rd
(5)	ND	ND	ND
(6)	ND	ND	ND
(7)	ND	ND	ND
(8)	0.01	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 (5) used to establish the compliance of material or article = 1.2 dm^2 : 350mL.
Ratio of food contact surface area to volume of component (6) used to establish the compliance of material or article = 1.2 dm^2 : 350mL.
Ratio of food contact surface area to volume of component (7) used to establish the compliance of material or article = 1.2 dm^2 : 350mL.
Ratio of food contact surface area to volume of component (8) used to establish the compliance of material or article = 1.2 dm^2 : 350 mL.

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

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

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

Date Sample Received：May 23, 2024
Testing Period： May 23, 2024 To Jun.3, 2024

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Test Report Number： SHAH0169414401

Tests Conducted

12 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
Fill the test item at boiling temperature and leave it closed for 24 hours.

II. Test result:

Test Component：(5), (6) (7) & (8)					
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
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 (5) used to establish the compliance of material or article = 1.2 dm^2 : 350 mL.
Ratio of food contact surface area to volume of component (6) used to establish the compliance of material or article = 1.2 dm^2 : 350 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 : 350 mL.
Ratio of food contact surface area to volume of component (8) used to establish the compliance of material or article = 1.2 dm^2 : 350 mL.

Remark：ND = Not detected(less than detection limit)
As per client's request, the above condition and food simulant were 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
1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Test Report Number： SHAH0169414401

Tests Conducted

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

Date Sample Received：May 23, 2024
Testing Period： May 23, 2024 To May 31, 2024

13 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	Fill the test item at boiling temperature and leave it closed for 24 hours.

II. Test Results:

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

Tested Component	Result in mg/kg		
	50% (v/v) Ethanol		
	1st	2nd	3rd
(5)	<1	<1	<1
(6)	<1	<1	<1
(7)	<1	<1	<1
(8)	<1	<1	<1
Limit in mg/kg	6		

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

Tested Component	Result in mg/kg		
	50% (v/v) Ethanol		
	1st	2nd	3rd
(5)	<0.5	<0.5	<0.5
(6)	<0.5	<0.5	<0.5
(7)	<0.5	<0.5	<0.5
(8)	<0.5	<0.5	<0.5
Limit in mg/kg	0.6		

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

Tested Component	Result in mg/kg		
	50% (v/v) Ethanol		
	1st	2nd	3rd
(5)	<0.1	<0.1	<0.1
(6)	<0.1	<0.1	<0.1
(7)	<0.1	<0.1	<0.1
(8)	<0.1	<0.1	<0.1
Limit in mg/kg	0.12		

****

To be continued

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

1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼

Tel: +86 21 53396000

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

Test Report Number： SHAH0169414401

Tests Conducted

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	2nd	3rd
(5)	<1	<1	<1
(6)	<1	<1	<1
(7)	<1	<1	<1
(8)	<1	<1	<1
Limit in mg/kg	1.8		

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

Tested Component	Result in mg/kg		
	50% (v/v) Ethanol		
	1st	2nd	3rd
(5)	ND	ND	ND
(6)	ND	ND	ND
(7)	ND	ND	ND
(8)	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	2nd	3rd
(5)	<0.5	<0.5	<0.5
(6)	<0.5	<0.5	<0.5
(7)	<0.5	<0.5	<0.5
(8)	<0.5	<0.5	<0.5
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 (5)-(8) used to establish the compliance of material or article = 1.2 dm^2 : 350 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

As per client's request, the above condition and food simulant were 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
1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Test Report Number： SHAH0169414401

Tests Conducted

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

Date Sample Received：May 23, 2024
Testing Period： May 23, 2024 To May 31, 2024

14 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
Fill the test item at boiling temperature and leave it closed for 24 hours.

II. Test Result:

Test Component：(5) , (6), (7), (8) & (13)							
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
1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Test Report Number： SHAH0169414401

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 (5)-(8) used to establish the compliance of material or article = 1.2 dm^2 : 350 mL.
Ratio of food contact surface area to volume of component (13) used to establish the compliance of material or article = 0.5 dm^2 : 350 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：May 23, 2024
Testing Period： May 23, 2024 To Jun.3, 2024

****

To be continued

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

1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼

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

Tests Conducted

15 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)			
		(5)	(6)	(7)	(8)
1.Phenanthrene	85-01-8	ND	ND	ND	ND
2.Anthracene	120-12-7	ND	ND	ND	ND
3.Fluoranthene	206-44-0	ND	ND	ND	ND
4.Pyrene	129-00-0	ND	ND	ND	ND
Sum (4 PAHs):	--	ND	ND	ND	ND
5.Naphthalene	91-20-3	ND	ND	ND	ND
6.Benzo(a)Anthracene	56-55-3	ND	ND	ND	ND
7.Chrysene	218-01-9	ND	ND	ND	ND
8.Indeno(1,2,3-cd)Pyrene	193-39-5	ND	ND	ND	ND
9.Benzo(b)Fluoranthene	205-99-2	ND	ND	ND	ND
10.Benzo(k)Fluoranthene	207-08-9	ND	ND	ND	ND
11.Benzo(a)Pyrene	50-32-8	ND	ND	ND	ND
12.Dibenzo(a,h)Anthracene	53-70-3	ND	ND	ND	ND
13.Benzo(g,h,i)Perylene	191-24-2	ND	ND	ND	ND
14.Benzo(e)Pyrene	192-97-2	ND	ND	ND	ND
15. Benzo(j)Fluoranthene	205-82-3	ND	ND	ND	ND
Sum (15 PAHs):	--	ND	ND	ND	ND
Classification of Samples: Category		1	1	1	1

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

****

To be continued

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

1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼

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

Test Report Number： SHAH0169414401

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

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

Date Sample Received：May 23, 2024
Testing Period： May 23, 2024 To May 26, 2024

****

To be continued

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

1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼

Tel: +86 21 53396000

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

Tests Conducted

16 Sensory Evaluation

With reference to §64 LFGB l00.90-6.

Test procedure：
Sample was thoroughly rinsed with distilled water and then filled with distilled water to capacity. Fill the test item at boiling temperature and leave it closed for 24 hours. Off-odor and off-taste was evaluated with 6 panelists using control sample of distilled water.

	Result		Limit
	(17)	(18)	
Appearance	Clear, Colourless	Clear, Colourless	Clear, Colourless
Odor	0	0	2.5
Taste	0	0	2.5

	Result		Limit
	(19)	(20)	
Appearance	Clear, Colourless	Clear, Colourless	Clear, Colourless
Odor	0	0	2.5
Taste	0	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：May 23, 2024
Testing Period： May 23, 2024 To May 31, 2024

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Tests Conducted

17 Phthalate Content in Food Contact Plastic Article

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

Test Item	Result (%, w/w)		Detection Limit (%, w/w)	Limit (%, w/w) (Max.)
	(5+6)	(7+8)		
Dibutyl Phthalate (DBP)	ND	ND	0.01	0.05
Diethyl Hexyl Phthalate (DEHP)	ND	ND	0.01	0.1
Benzyl Butyl Phthalate (BBP)	ND	ND	0.01	0.1
Di-(iso-nonyl) Phthalate (DINP)	ND	ND	0.01	0.1
Di-(iso-decyl) Phthalate (DIDP)	ND	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：May 23, 2024
Testing Period： May 23, 2024 To May 25, 2024

18 Bisphenol-A Content

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

Test Item	Result (mg/kg)			Detection Limit (mg/kg)	Applicant`s Requirement (mg/kg)
	(5)	(6)	(7)		
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.

Testing Summary：
Extraction solvent: Tetrahydrofuran
Ultrasonic bath extraction temperature：60 ℃ ± 2 ℃
Extraction time：60 minutes

Date Sample Received：May 23, 2024
Testing Period： May 23, 2024 To May 26, 2024

****

To be continued

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

1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼

Tel: +86 21 53396000

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

Tests Conducted

19 Cadmium (Cd) Content

With reference to methods EN 1122 (Method B)/ IEC 62321:2008/ ISO 11885:2007, acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result in %
(1+2)	ND
(3+4)	ND
(5+6)	ND
(7+8)	ND
(9+10+11)	ND
(12+13)	ND

Requirement：	
Category	Limit (%)
Painted article	0.1
Plastic	0.01
Metal parts of jewellery & hair accessories	0.01

Remark：ND = Not Detected (<0.0005%)

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

Date Sample Received：May 23, 2024
Testing Period： May 23, 2024 To May 26, 2024

20 Lead (Pb) Content

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.

Tested Component	Result (%)	Limit (%)
(1+2)	0.0032	0.05
(3+4)	0.0034	0.05
(5+6)	ND	0.05
(7+8)	ND	0.05
(9+10+11)	ND	0.05
(12+13)	ND	0.05

Remark：ND = Not Detected (Less than detection limit)
Detection Limit = 0.001%

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

Date Sample Received：May 23, 2024
Testing Period： May 23, 2024 To May 26, 2024

****

To be continued

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

1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼

Tel: +86 21 53396000

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

Tests Conducted

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

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

Test Item	CAS No.	Result (%)
		(9+10+11+12+13)
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:
(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:

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:
(g) Identity and contact details of the producer or importer;
(h) Registration number(s), if available;
(i) Identity of the substance;
(j) Classification of the substance(s);
(k) Brief description of the use(s) of the substance(s) in the article and of the uses of the article(s);
(l) 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).

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Test Report Number： SHAH0169414401

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.

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：May 23, 2024
Testing Period： May 23, 2024 To May 26, 2024

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

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

Test Item	CAS No.	Result (%)
		(9+10+11+12+13)
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

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Test Report Number： SHAH0169414401

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：May 23, 2024
Testing Period： May 23, 2024 To May 27, 2024

****

To be continued

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

1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼

Tel: +86 21 53396000

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

Test Report Number： SHAH0169414401

Tests Conducted

23 Phthalates Content (In SVHC List)

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

Test Item	CAS No.	Result (%)	
		(9+10+11)	(12+13)
Bis (2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND
Dibutyl Phthalate (DBP)	84-74-2	ND	ND
Benzyl Butyl Phthalate (BBP)	85-68-7	ND	ND
Diisobutyl Phthalate (DIBP)	84-69-5	ND	ND
1,2-Benzenedicarboxylic acid, di-C_{7-11}-branched and linear alkyl esters (DHNUP)	68515-42-4	ND	ND
1,2-Benzenedicarboxylic acid, di-C_{6-8}-branched alkyl esters, C_7-rich (DIHP)	71888-89-6	ND	ND
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	ND	ND
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	ND	ND
Diisopentylphthalate (DIPP)	605-50-5	ND	ND
N-pentyl-isopentylphthalate	776297-69-9	ND	ND
Dipentyl phthalate (DPP)	131-18-0	ND	ND
Dihexyl phthalate	84-75-3	ND	ND
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	ND	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	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND
Diisohexyl phthalate	71850-09-4	ND	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

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Test Report Number： SHAH0169414401

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：May 23, 2024
Testing Period： May 23, 2024 To May 25, 2024

****

To be continued

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

1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼

Tel: +86 21 53396000

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

Tests Conducted

24 Phthalate Content

With reference to ISO 8124-6：2018, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

I. Annex XVII Item 51

Test Item	CAS No.	Result (%,w/w)		Reporting Limit (%,w/w)	Limit (%,w/w)
		(9+10+11)	(12+13)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	0.005	-
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	0.005	-
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	0.005	-
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.005	-
Sum of DBP, DEHP, BBP and DIBP	-	ND	ND	-	0.1

The above limit was quoted according to Annex XVII Item 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 Item 52

Test Item	CAS No.	Result (%,w/w)		Reporting Limit (%,w/w)	Limit (%,w/w)
		(9+10+11)	(12+13)		
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	0.005	-
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	0.005	-
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	0.005	-
Sum of DINP, DNOP and DIDP	-	ND	ND	-	0.1

The above limit was quoted according to Annex XVII Item 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 Components： See component list in the last section of this report.

Date Sample Received：May 23, 2024
Testing Period： May 23, 2024 To May 25, 2024

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Tests Conducted

25 Short-Chain Chlorinated Paraffins (C10~C13)(SCCPs) Content

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

Tested Component	Result (%, w/w)
(9+10+11)	ND
(12+13)	ND

Requirement：
Short Chain Chlorinated Paraffin's concentration should be lower than 0.15% in articles under Annex I Part A of the Regulation (EU) 2019/1021 on persistent organic pollutants (POPs).

Short Chain Chlorinated Paraffin's concentration should be lower than 1% in substances or mixtures under Annex I Part A of the Regulation (EU) 2019/1021 on persistent organic pollutants (POPs).

Remark：Detection Limit = 0.01% (w/w)
ND = Not detected

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

Date Sample Received：May 23, 2024
Testing Period： May 23, 2024 To May 25, 2024

26 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)
	(9+10+11+12+13)
[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%

****

To be continued

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

1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼

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

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

Date Sample Received：May 23, 2024
Testing Period： May 23, 2024 To May 27, 2024

27 Toxic Elements Analysis

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.

	Result (ppm)			Limit (ppm)
	(14)	(15)	(16)	
Lead (Pb)	<5	<5	<5	--
Cadmium (Cd)	<1	<1	<1	--
Mercury (Hg)	<5	<5	<5	--
Chromium VI (Cr (VI))	<1	<1	<1	--
Total	(0~12)	(0~12)	(0~12)	100

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

Tests Conducted

Remark：ppm = Parts per million = mg/kg

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

Date Sample Received：May 23, 2024
Testing Period： May 23, 2024 To May 26, 2024

28 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)
		(5+6+7+8)
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.

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.

****

To be continued

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

1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼

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

Date Sample Received：May 23, 2024
Testing Period： May 23, 2024 To May 30, 2024

29 2-methylimidazole Content

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

Test Item	Cas No.	Result (%, w/w)
		(5+6+7+8)
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.

****

To be continued

Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼
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 Components：See component list in the last section of this report.

Date Sample Received：May 23, 2024
Testing Period： May 23, 2024 To May 27, 2024

30 Tris(4-nonylphenyl, Branched and Linear) Phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, Branched and Linear (4-NP) 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)
		(5+6+7+8)
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	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).

****

To be continued

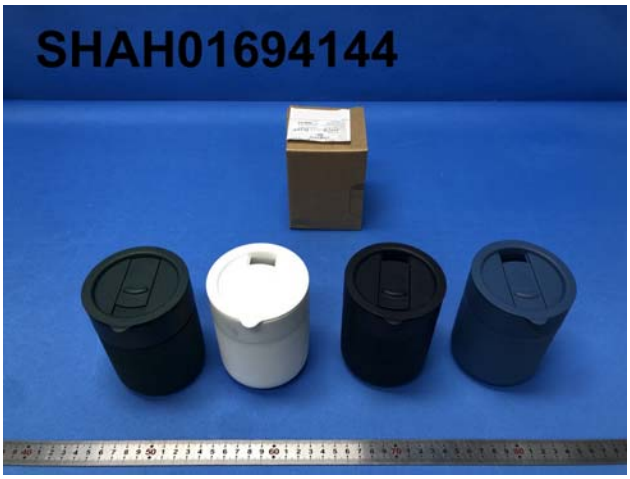
Intertek Testing Services Ltd., Shanghai
上海天祥质量技术服务有限公司
1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼
Tel: +86 21 53396000
www.intertek.com
www.intertek.com.cn

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



Picture of sample

Date Sample Received：May 23, 2024

Testing Period： May 23, 2024 To May 27, 2024

****

To be continued

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

1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China

上海市静安区万荣路 1218 弄 C 栋 1-5 楼

Tel: +86 21 53396000

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

Test Report Number： SHAH0169414401

Tests Conducted

Components List：

(1) White ceramic cup.
(2) Dark blue ceramic cup.
(3) Dark green ceramic cup.
(4) Black ceramic cup.
(5) White plastic.(lid/slider)
(6) Dark blue plastic.(lid/slider)
(7) Dark green plastic.(lid/slider)
(8) Black plastic.(lid/slider)
(9) White soft plastic.(cup sleeve)
(10) Dark blue soft plastic.(cup sleeve)
(11) Dark green soft plastic.(cup sleeve)
(12) Black soft plastic.(cup sleeve)
(13) Semi-transparent soft plastic.(silicone ring)
(14) White paper with black printing.(instruction page)
(15) White paper.(package)
(16) Brown paper board with black printing and white/black coatings.(box)
(17) Whole sample (White style)
(18) Whole sample (Dark blue style)
(19) Whole sample (Dark green style)
(20) Whole sample (Black style)

****

End of report

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

1-5/F., Block C, No.1218, Wanrong Road, Jingan District, Shanghai, China
上海市静安区万荣路 1218 弄 C 栋 1-5 楼

Tel: +86 21 53396000

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