

LAB LOCATION:

SHANG HAI

DATE IN:

July 18, 2024

REPORT NUMBER:

EFW524073985-CG-01

DATE OUT:

July 25, 2024

Applicant:	Polyconcept GBS		
Contact:	Kathy Lu		
Address:	Zhongshan Wanbo International Center, Room 301-303, No. 666 West Huaihai Road, Changning District, Shanghai, 200052, PRC		
TEL:	13918486858	FAX:	--
E-mail:	testprogram@pcna.com; kathy.lu@polyconceptgbs.com; claire.li@polyconceptgbs.com; kkolber@pcna.com		
Copy To:	--		

OVERALL RATING

PASS	X
FAIL	--
PRELIM FAIL	--

Sample Information

 EFW524073985-CG-01	Sample Description:	Sherpa 11-oz. Vacuum Tumbler & Insulator Speckled Sherpa 11oz Tumbler & Insulator
	PO Number:	M000041069 M000041074 M000041411
	Article Number:	SM-6686NY/TQ; SM-6921WH
	Number of Sample Submitted:	6pcs/each color
	Factory Number:	10942
	Vendor Number:	10531
	Customer:	BL
	Country of Origin:	China
	Country of Destination:	US/CAN
	Retest – Previous Report No:	/
Remark: --		

For and on behalf of
**Eurofins MTS Consumer
Product Testing (Shanghai) Co., Ltd.**



Chen Lin, Rain
Lab Director, Hardlines Division



Modern Testing Services

**POLYCONCEPT
TEST REPORT**

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Test Result Summary

Test Requested	Result
16 CFR 1303 Total Lead in Surface Coatings	PASS
California Proposition 65 Total Lead Content in Surface Coatings and Substrates	PASS
Canadian Consumer Products Containing Lead Regulation (SOR/2018-83) - Total Lead in Substrate	PASS
Phthalate Content (10P)	PASS
Leachable Lead & Cadmium from Glassware and Ceramics – Lip & Rim	PASS
Total Bisphenol A Content	PASS
Material in Contact with Food Articles [Acrylonitrile Copolymer] – U.S. FDA 21 CFR 180.22	PASS
Material in Contact with Food Articles [Closures with Sealing Gaskets for Food Containers] – U.S. FDA 21 CFR 177.1210	PASS
Material in Contact with Food Articles [Polyester Resins, Crosslinked] – U.S. FDA 21 CFR 177.2420	PASS
FDA GRAS Specifications, Total Chromium in Stainless Steel Food Containers	PASS
19 CFR 134.11 Country of Origin Markings	PASS

COMPONENT BREAKDOWN LIST:

Test Item	Component Description
A	Sherpa 11-oz. Vacuum Tumbler & Insulator Speckled Sherpa 11oz Tumbler & Insulator
A1	Blue green coating(on outer)(SM-6686TQ)
A2	Navy coating(on outer)(SM-6686NY)
A3	White/black coating(on outer)(SM-6921WH)
A4	Transparent plastic(main lid)(All styles)
A5	Transparent plastic(slider)(All styles)
A6	Transparent silicone(gasket)(All styles)
A7	Silver metal(inner)(All styles)
A8	Silver metal(outer without coating)(All styles)
A9	Sherpa 11-oz. Vacuum Tumbler & Insulator(SM-6686TQ)
A10	Sherpa 11-oz. Vacuum Tumbler & Insulator(SM-6686NY)
A11	Speckled Sherpa 11oz Tumbler & Insulator(SM-6921WH)

TEST RESULT:**Total Lead Content in Paint or Similar Surface Coating – U.S. CPSC 16 CFR 1303**

Test Item	Accessibility (Remark 1)	Classification	Total Lead (Pb) (ppm)		Conclusion
			Result	Limit	
A1+A2	Accessible as received	Paint or similar surface coating	<10	90	PASS
A3	Accessible as received	Paint or similar surface coating	<10	90	PASS

Method:

1) Lead in paint and other similar surface coatings:

The test is conducted according to the US CPSC Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, February 25, 2011 (CPSC-CH-E1003-09.1)

Note: ppm = part per million = mg/kg (milligram per kilogram)

“<” = less than

TEST RESULT:**California Proposition 65 Total Lead Content in Surface Coatings and Substrates**

Test Item	Classification	Total Lead (Pb) (mg/kg)		Conclusion
		Result	Maximum Permissible Limit	
A1+A2	Surface coating	<10	90	PASS
A3	Surface coating	<10	90	PASS
A4+A5+A6	Substrate	<10	100	PASS
A7+A8	Substrate	<10	100	PASS

Method:

- 1) Lead in paint and other similar surface coatings:

The test is conducted according to the US CPSC Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, February 25, 2011 (CPSC-CH-E1003-09.1)

- 2) Lead in metals:

The test is conducted according to the US CPSC Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry), November 15, 2012 (CPSC-CH-E1001-08.3)

- 3) Lead in other non-metal materials including plastics, glass and leather material:

The test is conducted according to the US CPSC Standard Operating Procedure for Determining Total Lead (Pb) in Non-Metal Children's Products, November 15, 2012 (CPSC-CH-E1002-08.3)

Note: ppm = part per million = mg/kg (milligram per kilogram)

“<” = less than

Canadian Consumer Products Containing Lead Regulation (SOR/2018-83) - Total Lead in Substrate

Test Item	Total Lead (Pb) (mg/kg)		Conclusion
	Result	Limit	
A7+A8	<10	90	PASS

Method: Sample was digested with nitric acid and analyzed by Atomic Absorption Spectrophotometer / Inductively Coupled Plasma Mass Spectrometer.

Note: mg/kg = milligram per kilogram

“<” = less than

TEST RESULT:**Phthalate Content (10P)**

Test Item	Phthalates Content (%)		Conclusion
	Result	Client's requirement	
A1+A2	<0.005 (individual)	<0.1 (individual)	PASS
A3	<0.005 (individual)	<0.1 (individual)	PASS
A4+A5+A6	<0.005 (individual)	<0.1 (individual)	PASS

List of Phthalates:

Chemical Name	CAS No.	Chemical Name	CAS No.
Dibutyl phthalate (DBP)	84-74-2	Butyl benzyl phthalate (BBP)	85-68-7
Di-2-ethylhexyl phthalate (DEHP) / DiOctyl phthalate (DOP)	117-81-7	Di-iso-butyl phthalate (DIBP)	84-69-5
Di-iso-nonyl phthalate (DINP)	28553-12-0/ 68515-48-0	Di-iso-decyl phthalate (DIDP)	26761-40-0/ 68515-49-1
Di-n-octyl phthalate (DNOP)	117-84-0	Di-n-hexyl phthalate (DNHP/ DHEXP)	84-75-3
Dicyclohexyl phthalate (DCHP)	84-61-7	Dipentyl phthalate (DPP / DPENP)	131-18-0

Method: The test is conducted according to the US CPSC Standard Operation Procedure for Determination of Phthalates, April 1, 2010 (CPSC-CH-C1001-09.3)

Note: % = percentage
“<” = less than
“>” = more than

TEST RESULT:
Leachable Lead & Cadmium from Glassware and Ceramics – Lip & Rim

Test Item	Unit	Internal Volume (ml)	Leaching Volume (ml)	Concentration relative to Internal Volume (mg/L)	
				Lead	Cadmium
A9	(1)	380	380	<0.05	<0.01
	(2)	380	380	<0.05	<0.01
	(3)	380	380	<0.05	<0.01
	(4)	380	380	<0.05	<0.01
	(5)	380	380	<0.05	<0.01
	(6)	380	380	<0.05	<0.01
Limit (Any 1 of 6 units)				4.0	0.4
Conclusion				PASS	
A10	(1)	380	380	<0.05	<0.01
	(2)	380	380	<0.05	<0.01
	(3)	380	380	<0.05	<0.01
	(4)	380	380	<0.05	<0.01
	(5)	380	380	<0.05	<0.01
	(6)	380	380	<0.05	<0.01
Limit (Any 1 of 6 units)				4.0	0.4
Conclusion				PASS	
A11	(1)	380	380	<0.05	<0.01
	(2)	380	380	<0.05	<0.01
	(3)	380	380	<0.05	<0.01
	(4)	380	380	<0.05	<0.01
	(5)	380	380	<0.05	<0.01
	(6)	380	380	<0.05	<0.01
Limit (Any 1 of 6 units)				4.0	0.4
Conclusion				PASS	

Method: ASTM C927-80 (2019e1). The lead and cadmium contents are determined by Inductively Coupled Argon Plasma Spectrometer / Atomic Absorption Spectrophotometer / Inductively Coupled Plasma Mass Spectrometer.

Note: mL = milliliter

mg/L = milligrams per liter

< = less than

TEST RESULT:**Total Bisphenol A Content**

Test Item	Bisphenol A [CAS No. 80-05-7] (mg/kg)		Conclusion
	Result	Client's Requirement	
A1	ND	ND	PASS
A2	ND	ND	PASS
A3	ND	ND	PASS
A4	ND	ND	PASS
A5	ND	ND	PASS
A6	ND	ND	PASS

ND = Not detected (Laboratory Reporting Limit = 1mg/kg)

Method: Sample was extracted with organic solvent and then analyzed by Liquid Chromatograph Mass Spectrometer.

Note: mg/kg = milligram per kilogram

TEST RESULT:**Material in Contact with Food Articles [Acrylonitrile Copolymer] – U.S. FDA 21 CFR 180.22**

Extracting condition: Acetic Acid (120°F 2hrs.)

Parameter	Unit	Result	Limit
		A4	
Acrylonitrile Monomer 3% Acetic Acid	mg/in ²	<0.003	≤0.003
Conclusion		PASS	-

Method: U.S. FDA 21 CFR 180.22

Note: mg/in² = milligrams per square

< = less than

≤ = less than or equal to

TEST RESULT:**Material in Contact with Food Articles [Closures with Sealing Gaskets for Food Containers] – U.S. FDA 21 CFR 177.1210**

Condition of use: C) Hot filled or pasteurized above 150°F

Extracting condition: Water (Fill boiling, cool to 100°F), Heptane (120°F, 15min.), 8% Alcohol (Fill boiling, cool to 100°F)

Parameter	Unit	Result		Limit
		A6		
Chloroform - Soluble Extractives				
Distilled Water	ppm	<10		≤50
n-Heptane	ppm	16		≤50
8 % Alcohol	ppm	<10		≤50
Conclusion		PASS		-

Method: U.S. FDA 21 CFR 177.1210

Remark: 1) Maximum extractives tolerances of different types of closure-sealing gasket composition:

Type of closure-sealing gasket composition	Maximum Extractives Tolerances (in ppm)		
	Chloroform fraction of water extractives	Chloroform fraction of heptane extractives	Chloroform fraction of alcohol extractives
1. Plasticized polymers, including unvulcanized or vulcanized or otherwise cured natural and synthetic rubber formed in place as overall discs or annular rings from a hot melt, solution, plastisol, organisol, mechanical dispersion, or latex	50	500	50
2. Performed overall discs or annular rings of plasticized polymers, including unvulcanized natural or synthetic rubber	50	250	50
3. Performed overall discs or annular rings of vulcanized plasticized polymers, including natural or synthetic rubber	50	50	50
4. Performed overall discs or annular rings of polymeric or resinous-coated paper, paperboard, plastic, or metal foil substrates	50	250	50
5. Closures with sealing gaskets or sealing compositions as described in 1, 2, 3 and 4, and including paper, paperboard, and glassine used for dry foods only	Not applicable	Not applicable	Not applicable

Note: ppm = part per million

“<” = less than

“≤” = less than or equal to

TEST RESULT:**Material in Contact with Food Articles [Polyester Resins, Crosslinked] – U.S. FDA 21 CFR 177.2420**

Condition of use: D) Hot filled or pasteurized below 150°F

Extracting condition: Water (150°F, 2hr.), Heptane (100°F, 30min.), 8% Alcohol (150°F, 2hr.) 50 % Alcohol(150°F, 2hr.)

Parameter	Unit	Result	Limit
		A5	
Chloroform - Soluble Extractives			
Distilled Water	mg/in ²	<0.05	≤0.1
8 % Alcohol	mg/in ²	<0.05	≤0.1
50 % Alcohol	mg/in ²	<0.05	≤0.1
Nonvolatile Extractives			
n-Heptane	mg/in ²	<0.05	≤0.1
Conclusion		PASS	-

Method: U.S. FDA 21 CFR 177.2420

Note: mg/in² = milligrams per square inch of coated surface

“<” = less than

“≤”= less than or equal to

TEST RESULT:**FDA GRAS Specifications, Total Chromium in Stainless Steel Food Containers**

Test Item	Total Chromium (Cr) (%)		Conclusion
	Result	Limit	
A7	18.61	≥16	PASS

Method: Acid digestion, analysis by ICP-OES

TEST RESULT:

Test Property	Method	Applicable Components	Limits	Notes	Result
19 CFR 134.11 Country of Origin Markings	Not Applicable	Per Review	Not Applicable	Products Manufactured outside of USA.	All styles: PASS

Photo of Exhibit



*****End of Test Report*****

NOTE:

If there is question or concern regarding the above results, please contact us via email coco.yu@cpt.eurofinscn.com

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