

TEST REPORT

Report No.: **SZ3230309-11163E**

Date: March 17, 2023

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FOURSTAR GROUP

UNIT A,8/F KAISER ESTATE PHASE 1, 41 MAN YUE STREET, HUNG HOM KOWLOON, HONGKONG

Report on the submitted samples said to be:

Sample Description: SKULL HEAD SIPPER CUP
Style/Item No.: 61174202
P.O.No.: 7197
Color: BLACK/PURPLE
Country of Origin: China
Country of Destination: USA
Manufacturer: YIWU XIANGZE PLASTIC PRODUCTS CO.,LTD
Buyer: REGENT
UPC No.: 7 21003 89763 2
SKU No.: G89763
Sample Receiving Date: March 10,2023
Lately Re-submit Date: March 15,2023
Testing Period: March 10,2023 - March 17,2023
Result: **Please refer to next page(s).**

Signed for and on behalf of

BACL

Queenie Lee

Checked by: _____
Queenie Lee

Len Xie

Approved by: _____
Len Xie



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Summary of Test Result:

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CONCLUSION

A. U.S. CPSC CFR Title 16 Part 1303 on Total Lead content	NA
B. US California Proposition 65. on Lead content	Pass*1
C. US California Proposition 65. on Phthalates content	Pass*1
D. US California Proposition 65. on Bisphenol A (BPA) content	Pass*1
E. FDA food Contact Article test	
E.1 Polypropylene homopolymer in accordance with 21 CFR 177.1520	Pass
E.2 Polypropylene Copolymer in accordance with 21 CFR 177.1520	Pass
E.3 Polyethylene phthalate polymers in accordance with 21 CFR 177.1630	Pass

Pass*1 = Meet the requirement of Client.

NA = Not Applicable.



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Result:

Tested part(s):

- (1) Translucent black PET(body of tumbler) [1]
- (2) Translucent purple PET(body of tumbler) [2]
- (3) Black PP-CO(cap of tumbler) [1][2]
- (4) Translucent white PP-Homo(drinking straw) [1][2]
- (5) Translucent white PP-Homo(ring on drinking straw, semi-product) [1][2]
- (6) Translucent white plastic(bottom of tumbler) [1][2]

Note:

[1]Translucent black tumbler; [2]Translucent purple tumbler

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A. U.S. CPSC CFR Title 16 Part 1303 on Total Lead content

Remark: This item is not applicable.

B. US California Proposition 65. on Lead content

Total Lead content(in paint and similar surface-coating materials)

Remark: This item is not applicable.

Total Lead content(in substrates)

Test method: CPSC-CH-E1001-08.3-2012;CPSC-CH-E1002-08.3-2012

Item	Unit	MDL	Result			Client's Limit
			(1)+(2)+(3)	(4)+(6)	(5)	
Lead(Pb)	mg/kg	10	N.D.	N.D.	N.D.	100
Conclusion	/	/	Pass	Pass	Pass	/

C. US California Proposition 65. on Phthalates content

Test method: CPSC-CH-C1001-09.4-2018

Item	Unit	MDL	Result			Client's Limit
			(1)+(2)+(3)	(4)+(6)	(5)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	1000
Diisononyl Phthalate(DINP)	mg/kg	60	N.D.	N.D.	N.D.	1000
Diisodecyl Phthalate(DIDP)	mg/kg	60	N.D.	N.D.	N.D.	1000
Di-n-hexyl Phthalate (DHEXP/DnHP)	mg/kg	30	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	/

D. US California Proposition 65. on Bisphenol A (BPA) content

Test method: solvent extraction and Liquid Chromatographic / Tandem Mass spectrometer (LC/MS/MS) analysis

Item	Unit	MDL	Result						Client's Limit
			(1)	(2)	(3)	(4)	(5)	(6)	
Bisphenol A(BPA)	mg/kg	0.1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

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E. FDA food Contact Article test

E.1 Polypropylene homopolymer in accordance with 21 CFR 177.1520

Test method: FDA 21 CFR 177.1520

Item	Unit	MDL	Result		Limit
			(4)	(5)	
Density	g/cm ³	/	0.895	0.894	0.880-0.913
Melting Point	°C	/	175.9	171.0	150-180
Extractable fraction in n-hexane at reflux temperature for 2 hours	%	0.5	N.D.	N.D.	6.4
Extractable fraction in xylene for dissolved at 120°C, then cool to 25°C for 1 hours	%	0.5	N.D.	N.D.	9.8
Conclusion	/	/	Pass	Pass	/

E.2 Polypropylene Copolymer in accordance with 21 CFR 177.1520

Test method: FDA 21 CFR 177.1520

Item	Unit	MDL	Result		Limit
			(3)		
Density	g/cm ³	/	0.905		0.85-1.00
Extractable fraction in n-hexane at 50°C for 2 hours	%	0.5	N.D.		5.5
Extractable fraction in xylene at Reflux temperature for 2 hours, then cool to 25 °C for 1 hour	%	0.5	N.D.		30
Conclusion	/	/	Pass		/

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E.3 Polyethylene phthalate polymers in accordance with 21 CFR 177.1630

Test method: FDA 21 CFR 177.1630(f)

Item	Unit	MDL	Result		Limit
			(1)	(2)	
Chloroform-soluble extractives in Water at 120°F for 24 hours	mg/in ²	0.2	N.D.	N.D.	0.5
Chloroform-soluble extractives in n-Heptane at 120°F for 24 hours	mg/in ²	0.2	N.D.	N.D.	0.5
Chloroform-soluble extractives in 8% alcohol at 120°F for 24 hours	mg/in ²	0.2	N.D.	N.D.	0.5
Conclusion	/	/	Pass	Pass	/

Note:

- N.D.= Not Detected or less than MDL
- MDL = Method Detection Limit
- "+" = Composite testing.

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Photograph of Sample



BACL authenticate the photo on original report only

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Statement:

- 1.This report cannot be reproduced except in full, without prior written approval of the Company.
- 2.Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
- 3.This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.
- 4.Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
- 5.The information which provided by the applicant, such as sample description, sample name, material component, style/item No. , P.O. No. , manufacturer, age phase, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report.
- 6.The test samples were in good condition before testing.

*** End of Report ***