

Test Report

Report No.: DGCTT1910032654ENR1

Date: Oct. 29, 2019

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Applicant: HEADWIND CERAMIC LTD

Address: 7F GOLD UNION COMM BLDG., 70-72 CONNAUGHT ROAD WEST, HONG KONG

Sample Received Date: Oct. 21, 2019

Completed Date: Oct. 28, 2019

The following merchandise was (were) submitted and identified on behalf of the applicant as:

Sample Name: 20oz Rainbow Viking Nova Tumbler, 20oz Metallic Ice Viking Nova Tumbler Silver, 20oz Metallic Ice Viking Nova Tumbler Gold, 16oz Etched Peristyle Bottle White, 16oz Etched Peristyle Bottle Black, 16oz Metallic Ice Peristyle Bottle Gold, 16oz Metallic Ice Peristyle Bottle Silver, 16oz Marbled Peristyle Bottle White, 16oz Marbled Peristyle Bottle Black

Sample Model: CDKW056-RB, CDKW058-SV, CDKW058-GO, CDKW053-WH, CDKW053-BK, CDKW054-GO, CDKW054-SV, CDKW055-WH, CDKW055-BK

Exported to: USA

Supplier: Headwind Ceramic Ltd

Country of Origin: China

Buyer: N/A

Sample Color: Rainbow,Silver,Gold,White,Black

Test Result(s): Please refer to next page(s).

Test Requested and Conclusion(s): Please refer to next page(s).

Signed for and on Behalf of CTT

Hilary He



Hilary He / Technical Manager
Consumer Testing Technology Co., Ltd.

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Test Requested and Conclusion(s):

No.	Test Sample	Standard and Requirement	Conclusion(s)
1	Tested materials of submitted samples	US FDA 21 CFR 180.22: Acrylonitrile copolymers & US FDA 21 CFR 181.32: Acrylonitrile copolymers and resins. <ul style="list-style-type: none"> - Acrylonitrile monomer extraction - Distilled water - Acrylonitrile monomer extraction - 3% Acetic acid - Acrylonitrile monomer extraction - 8% Alcohol - Acrylonitrile monomer extraction - n-Hexane 	PASS
2	Tested materials of submitted samples	US FDA 21 CFR 177.1630: Polyethylene phthalate polymers. <ul style="list-style-type: none"> - Chloroform-soluble extractives in Distilled water - Chloroform-soluble extractives in 50% Alcohol - Chloroform-soluble extractives in n-Heptane 	PASS
3	Tested materials of submitted samples	US FDA 21 CFR 177.1210: Closures with sealing gaskets for food containers. <ul style="list-style-type: none"> - Chloroform-soluble extractives in Distilled water - Chloroform-soluble extractives in 8% Alcohol - Chloroform-soluble extractives in n-Heptane 	PASS
4	Tested materials of submitted samples	General Recognized As Safe (GRAS) specification for US FDA regulation on Stainless steel. <ul style="list-style-type: none"> - Total Chromium (Cr) 	PASS
5	Tested materials of submitted samples	US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA)] <ul style="list-style-type: none"> - Total Lead (Pb) in paint or surface coating 	PASS
6	Tested materials of submitted samples	US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA)] <ul style="list-style-type: none"> - Total Lead (Pb) in accessible substrate materials 	PASS
7	Tested materials of submitted samples	Client's requirements reference to California Proposition 65 on Total Lead (Pb)	PASS
8	Tested materials of submitted samples	US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA)] <ul style="list-style-type: none"> - 16 CFR 1307 - Phthalates 	PASS
9	Tested materials of submitted samples	Client's requirements reference to California Proposition 65 on Phthalates	PASS
10	Tested materials of submitted samples	Client's requirements on Bisphenol A (BPA)	PASS

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Test Result(s):

US FDA 21 CFR 180.22&US FDA 21 CFR 181.32 - Acrylonitrile monomer extraction

Method: With reference to US FDA 21 CFR 180.22&US FDA 21 CFR 181.32

Material No.	Description	Location
1	Transparent plastic (AS)	Outer ring plastic

Material No.	Test Condition	Limit (mg/inch ²)	Result (mg/inch ²)	Conclusion
1	Distilled water Fill boiling, cool to 100°F	0.003	<0.002	PASS
	3% Acetic acid at 150°F for 2 hours	0.003	<0.002	PASS
	8% Alcohol at 150°F for 2 hours	0.003	<0.002	PASS
	n-Heptane at 120°F for 15 min	0.003	<0.002	PASS

Note: 1. mg/inch² = milligram per square inch.

US FDA 21 CFR 177.1630 - Chloroform-soluble extractives

Method: With reference to US FDA 21 CFR 177.1630

Material No.	Description	Location
2	Transparent plastic (PET)	Inner ring plastic (rotatable)

Material No.	Test Condition	Limit (mg/inch ²)	Result (mg/inch ²)	Conclusion
2	Distilled water Fill boiling, cool to 100°F	0.5	<0.3	PASS
	50% Alcohol at 150°F for 2 hours	0.5	<0.3	PASS
	n-Heptane at 120°F for 15 min	0.5	<0.3	PASS

Note: 1. mg/inch² = milligram per square inch.

2. °F = Degrees Fahrenheit.

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Test Result(s):

US FDA 21 CFR 177.1210 - Chloroform-soluble extractives

Method: With reference to US FDA 21 CFR 177.1210

Material No.	Description	Location
3	White silicone	Silicone ring

Material No.	Test Condition	Limit (ppm)	Result (ppm)	Conclusion
3	Distilled water Fill boiling, cool to 100°F	50	<5	PASS
	8% Alcohol at 150°F for 2 hours	50	<5	PASS
	n-Heptane at 120°F for 15 min	50	<5	PASS

- Note:**
1. ppm = parts per million.
 2. °F = Degrees Fahrenheit.

General Recognized As Safe (GRAS) specification for US FDA regulation on Stainless steel
- Total Chromium (Cr)

Method: With reference to US EPA3050B:1996, analyzed by Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES)

Material No.	Description	Location
6	Silvery metal	Wide mouth cup liner

Material No.	Limit (%)	Result (%)	Conclusion
6	>10.5	18.4042	PASS

- Note:**
1. % = Percent by weight.
 2. N.D. = Not Detected (< RL).
 3. RL (Reporting Limit) = 0.0050%.

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Test Result(s):

The Lead content of paint or surface coating - CPSIA

Method: CPSC-CH-E1003-09.1, analyzed by Atomic Absorption Spectroscopy (AAS) or Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES).

Material No.	Limit (mg/kg)	Result (mg/kg)	Conclusion
4	90	N.D.	PASS
5	90	N.D.	PASS

The Lead content of accessible substrate materials - CPSIA

Method:

Metal - CPSC-CH-E1001-08.3

Nonmetal - CPSC-CH-E1002-08.3

Analyzed by Atomic Absorption Spectroscopy (AAS) or Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES).

Material No.	Limit (mg/kg)	Result (mg/kg)	Conclusion
1+2	100	N.D.	PASS
3	100	N.D.	PASS
7	100	N.D.	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL (Reporting Limit) = 10 mg/kg.
 4. "+" = The test result is obtained from composite testing on materials linked with "+" mark, it is possible that individual test result can be higher if the materials are tested separately. This had been taken in account in the conclusion of this report.

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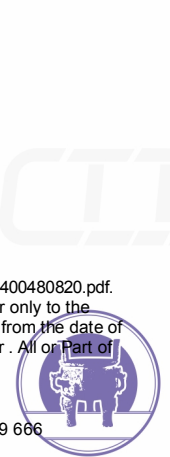
Test Result(s):

Total Lead (Pb)

Material No.	Client's Limit (mg/kg)	Result (mg/kg)	Conclusion
1+2	100	N.D.	PASS
3	100	N.D.	PASS
4	90	N.D.	PASS
5	90	N.D.	PASS
7	100	N.D.	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL (Reporting Limit) = 10 mg/kg.
 4. "+" = The test result is obtained from composite testing on materials linked with "+" mark, it is possible that individual test result can be higher if the materials are tested separately. This had been taken in account in the conclusion of this report.
 5. The result(s) is(are) tested according to the method CPSC-CH-E1001-08.3 & CPSC-CH-E1002-08.3 & CPSC-CH-E1003-09.1.

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Test Result(s):

Phthalates – CPSIA (16 CFR 1307)

Method: CPSC-CH-C1001-09.4, analyzed by Gas Chromatograph-Mass Spectrometry (GC-MS).

Test Substances	CAS No.	Limit (mg/kg)	RL (mg/kg)	Result (mg/kg)	
				1+2	3
DBP	84-74-2	1000	50	N.D.	N.D.
BBP	85-68-7	1000	50	N.D.	N.D.
DEHP	117-81-7	1000	50	N.D.	N.D.
DINP	28553-12-0/ 68515-48-0	1000	100	N.D.	N.D.
DIBP	84-69-5	1000	50	N.D.	N.D.
DCHP	84-61-7	1000	50	N.D.	N.D.
DPENP	131-18-0	1000	50	N.D.	N.D.
DHEXP	84-75-3	1000	50	N.D.	N.D.
Conclusion				PASS	PASS

Test Substances	CAS No.	Limit (mg/kg)	RL (mg/kg)	Result (mg/kg)	
				4	5
DBP	84-74-2	1000	50	N.D.	N.D.
BBP	85-68-7	1000	50	N.D.	N.D.
DEHP	117-81-7	1000	50	N.D.	N.D.
DINP	28553-12-0/ 68515-48-0	1000	100	N.D.	N.D.
DIBP	84-69-5	1000	50	N.D.	N.D.
DCHP	84-61-7	1000	50	N.D.	N.D.
DPENP	131-18-0	1000	50	N.D.	N.D.
DHEXP	84-75-3	1000	50	N.D.	N.D.
Conclusion				PASS	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL = Reporting Limit.
 4. Children's toys and child care articles shall not more than 1000mg/kg DBP, BBP, DEHP, DINP, DIBP, DCHP,DPENP and DHEXP
 - Children's toys defined as 12 years and under.
 - Child care articles to facilitate sleep or feeding of children 3 years and under, or to help children with sucking and teething.

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5. Polypropylene (PP), polyethylene (PE), acrylonitrile butadiene styrene (ABS), general purpose polystyrene (GPPS), medium-impact polystyrene (MIPS), high-impact polystyrene (HIPS), and super high-impact polystyrene (SHIPS), and their additives as listed in 16 CFR 1308 are exempt from testing. If material identification is not provided, phthalate testing will be conducted on all plastic materials.
6. "+" = The test result is obtained from composite testing on materials linked with "+" mark, it is possible that individual test result can be higher if the materials are tested separately. This had been taken in account in the conclusion of this report.

Test Result(s):

Phthalates

Substances	DBP	BBP	DEHP	DINP	DNOP	DIDP	Conclusion
CAS No.	84-74-2	85-68-7	117-81-7	28553-12-0 68515-48-0	117-84-0	26761-40-0 68515-49-1	
Client's Limit (mg/kg)	1000	1000	100	1000	1000	1000	
RL (mg/kg)	50	50	50	100	50	100	
Material No.	Result (mg/kg)						
1+2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
3	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
4	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL = Reporting Limit.
 4. "+" = The test result is obtained from composite testing on materials linked with "+" mark, it is possible that individual test result can be higher if the materials are tested separately. This had been taken in account in the conclusion of this report.
 5. The result(s) is(are) tested according to the method CPSC-CH-C1001-09.4.

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Test Result(s):

Bisphenol A (BPA)

Method: With reference to EPA 3550C:2007, analyzed by Liquid Chromatography- Mass Spectrometry (LC-MS/MS).

Material No.	Client's Limit (mg/kg)	Result (mg/kg)	Conclusion
1	1	N.D.	PASS
2	1	N.D.	PASS
3	1	N.D.	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL(Reporting Limit) =0.1mg/kg.

Test Material List

Material No.	Description	Location
1	Transparent plastic (AS)	Outer ring plastic
2	Transparent plastic (PET)	Inner ring plastic (rotatable)
3	White silicone	Silicone ring
4	Silvery paint	Silvery cup coating
5	Golden paint	Golden cup coating
6	Silvery metal	Wide mouth cup liner
7	Silvery metal	Small mouth cup lid

Remark: DGCTT1910032654EN is replaced by this report.

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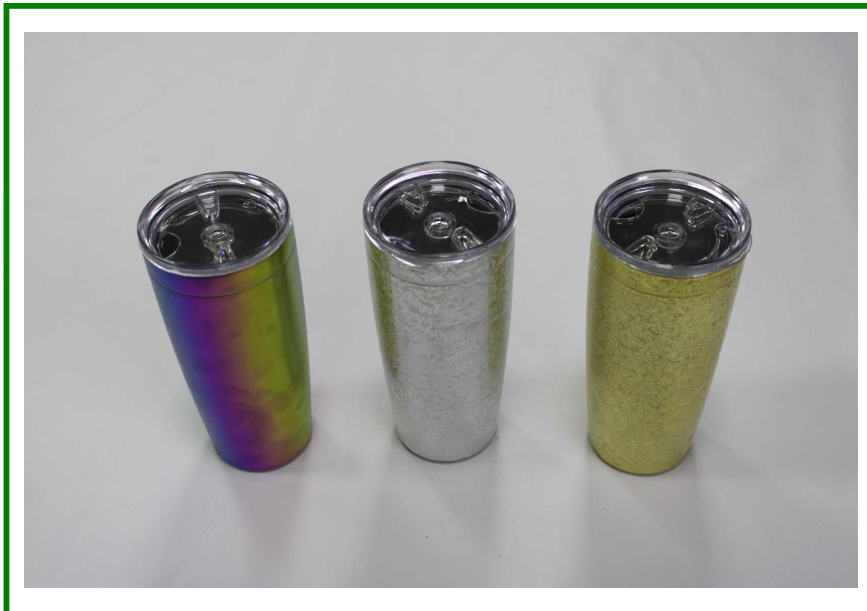
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Photo of Sample:



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Photo of Sample:



End of Report

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