

Test Report No.

No.T32120320764TC

Date: DEC 13, 2021

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**KOOZIE GROUP** 

14421 MYERLAKE CIRCLE CLEARWATER, PINELLAS,FL 33760,UNITED STATES

The following samples were submitted and identified by/on behalf of the client as:

**VACUUM CUP BOTTLE - 51 OZ** 

Item No. : 46397

Manufacture Date : 2021

Test Request Form No. : 5272\_HK
Shipment Order Number : 7143208

Country of Origin : CHINA

Country of Destination : CANADA, UNITED STATES

Sample Receiving Date : NOV 22, 2021

Testing Period : NOV 22, 2021 TO DEC 13, 2021

Test Requested		Conclusion
1.	US 16 CFR Part 1307 – Phthalates in the specified specimen(s) as listed	PASS
	US California Proposition 65 (Out-of-court settlement for Bags designed to hold marbles, rocks, pebbles, gravel and other decorative material and which are intended for repeated use & Storage containers designed to hold marbles, rocks, pebbles, gravel and other decorative material and which are intended for repeated use) – Phthalates Content in the specified specimen(s) as listed	PASS
2.	Title 16, Code of Federal Regulations, Chapter II - Consumer Products Safety Commission of U.S.A Part 1303 - Ban of Lead - Containing Paint and Certain Consumer Products Bearing Lead - Containing Paint – Lead Content	PASS

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Test Requested		Conclusion
3.	CPSIA section 101 - Total Lead content in the specified specimen(s) as listed (Selected test items as specified by the applicant, please refer to test result page(s) for details)	
3.1	CPSIA section 101(f) (1) – Lead in paint/similar surface coating material	PASS
3.2	CPSIA section 101(a) (2) – Lead in accessible substrate materials (Including Children's Metal Jewelry)	PASS
4.	Bisphenol A (BPA) requirement in compliance with various USA States requirement (Selected test items as specified by the applicant, please refer to test result page(s) for details)	PASS
5.	US California Proposition 65 (County of Marin Case No. CIV 1104003) – Lead Content in the specified specimen(s) as listed	PASS
6.	Canada Consumer Product Safety Act (S.C. 2010, c. 21), Toys Regulations (SOR/2011-17) amended up to January 11, 2019 (Including amendments SOR/2012-71, SOR/2016-195, SOR/2016-302 and SOR/2018-138) - Section 23 (a) and Section 23 (c) - Lead and Mercury in surface coating material	PASS

\*\*\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*\*\*

Signed for and on behalf of SGS Hong Kong Ltd.

To Man Wah, Po Technical Manager

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### **Test Results:**

### 1. Phthalates Content

Method: With reference to CPSC-CH-C1001-09.4

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS)

### Accessible Materials can be placed in the Mouth

Test Item(s)	CAS No.	Result(s) (%)	MDL (%)
Specimen No.		1	
Dibutyl Phthalate (DBP)	84-74-2	ND	0.003
Benzylbutyl Phthalate (BBP)	85-68-7	ND	0.003
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	ND	0.003
Diisononyl Phthalate (DINP)	28553-12-0	ND	0.010
Distribity Fittialate (DINF)	68515-48-0	ND	0.010
Diisodecyl Phthalate (DIDP)	26761-40-0	ND	0.010
Disodecyl Filthalate (DIDF)	68515-49-1	ND	0.010
Di-n-Hexyl phthalate (DHP/DnHP)	84-75-3	ND	0.003
Diisobutyl phthalate (DIBP)	84-69-5	ND	0.003
Di-n-pentyl phthalate (DPP/DPenP)	131-18-0	ND	0.003
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	0.003

## Specimen Description:

1. Black plastic (Lid) (#3-46397 Black PP Plastic (Homopolymer PP) inner lid)

Note:

- % = percentage by weight
- MDL = Method Detection Limit
- ND = Not Detected (lower than MDL)

### The Phthalates Content Requirement(s) is(are) Summarize as below:

Requirement(s)	Permissible Limit	
US 16 CFR Part 1307		
<ul> <li>Toys for children up to 12 or childcare articles for children up to 3</li> </ul>	- DEHP, BBP, DBP, DINP, DIBP, DPENP, DHEXP, and DCHP ≤ 0.1%	
California Proposition 65 (Out-of-court settlement)		
<ul> <li>Bags designed to hold marbles, rocks, pebbles, gravel and other decorative material and which are intended for repeated use</li> </ul>	≤ 0.1% each of DEHP, BBP, DBP, DIDP, DINP	
<ul> <li>Storage containers designed to hold marbles, rocks, pebbles, gravel and other decorative material and which are intended for repeated use</li> </ul>	and DnHP otherwise warning	

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### 2. CPSC 16 CFR 1303 - Lead in Paint/Similar Surface Coating Materials

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings

Test Item(s)	Lead (Pb)	
Permissible Limit (ppm)	90	
Specimen Description	Result(s) (ppm)	
<ol> <li>Black coating on metal (#2-46397 Black Stainless Steel 201SS Outer (Body of the bottle))</li> </ol>	ND	
<ol><li>White coating on metal (#5-46397 White Stainless Steel 201SS Outer (Body of the bottle))</li></ol>	ND	
<ol> <li>Navy coating on metal (#6-46397 Navy Stainless Steel 201SS Outer (Body of the bottle))</li> </ol>	ND	

Note:

- ppm = parts per million
- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit = 10 ppm
- 1% = 10000 mg/kg = 10000 ppm

### 3.1 CPSIA - Lead in Paint/Similar Surface Coating Materials

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings

Test Item(s)	Lead (Pb)
Permissible Limit (ppm)	90
Specimen Description	Result(s) (ppm)
Black coating on metal (#2-46397 Black Stainless Steel 201SS Outer (Body of the bottle))	ND
2. White coating on metal (#5-46397 White Stainless Steel 201SS Outer (Body of the bottle))	ND
3. Navy coating on metal (#6-46397 Navy Stainless Steel 201SS Outer (Body of the bottle))	ND

Note:

- ppm = parts per million
- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit = 10 ppm
- -1% = 10000 mg/kg = 10000 ppm

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### 3.2 CPSIA - Lead in Accessible Substrate Materials

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 - Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product

Method (metal materials): With reference to CPSC-CH-E1001-08.3 - Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)

Test Item(s)	Lead (Pb)	
Permissible Limit **(ppm)	100	
Specimen Description	Result(s) (ppm)	
1. Black plastic (Lid) (#3-46397 Black PP Plastic (Homopolymer PP) inner lid)	ND	
2. Translucent white soft plastic (Washer) (#4-46397 Silicone Ring)	ND	
3. Silvery metal (Inner tank, cup) (#1-46397 Stainless Steel 304SS Inner (Body of the bottle and Cup))	ND	
<ol> <li>Silvery metal (Bottle) (#2-46397 Black Stainless Steel 201SS Outer (Body of the bottle)) (#5-46397 White Stainless Steel 201SS Outer (Body of the bottle)) (#6- 46397 Navy Stainless Steel 201SS Outer (Body of the bottle))</li> </ol>	ND	

<sup>\*\*</sup> Permissible Limit applies to a children's product manufactured after 14 August 2011 (Public Law 110-314 (Consumer Product Safety Improvement Act of 2008) and its Amendments Public Law 112-28)

Note:

- ppm = parts per million
- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit = 10 ppm
- 1% = 10000 mg/kg = 10000 ppm

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#### 4. Bisphenol A (BPA) Content

Analysis was performed by High Performance Liquid Chromatography – Tandem Mass Spectrometer (HPLC-MS/MS)

Test Item(s)	Bisphenol A (BPA)
Specimen Description	Result(s) (ppm)
1. Black plastic (Lid) (#3-46397 Black PP Plastic (Homopolymer PP) inner lid)	ND
2. Translucent white soft plastic (Washer) (#4-46397 Silicone Ring)	ND
3. Silvery metal (Inner tank, cup) (#1-46397 Stainless Steel 304SS Inner (Body of the bottle and Cup))	ND
<ol> <li>Silvery metal (Bottle) (#2-46397 Black Stainless Steel 201SS Outer (Body of the bottle)) (#5-46397 White Stainless Steel 201SS Outer (Body of the bottle)) (#6- 46397 Navy Stainless Steel 201SS Outer (Body of the bottle))</li> </ol>	ND

Note:

- ppm = parts per million
- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit = 1 mg/kg

## **Remark: Summary of Requirements**

Jurisdiction	Regulation/reference	Scope on BPA Ban	Requirement
		Reusable food or beverage container	Prohibited
		Plastic container, jar or can that contains infant formula or baby food	Prohibited
Connecticut	Public Act 09-103 (HB 6572)	Sell or distribute existing inventory of infant formula or baby food containers, jars or cans as of October 1, 2011, provided such items were purchased or acquired prior to October 1, 2011	Prohibited
California	Ferreiro v EMS Mind Reader, LLC Out-Of-court Settlement	Food containers/storage	BPA-free otherwise warning

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### 5. US California Proposition 65 - Total Lead Content

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 - Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product

Method (metal materials): With reference to CPSC-CH-E1001-08.3 - Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Te	Test Item(s)	
Sp	Specimen Description	
1.	Black coating on metal (#2-46397 Black Stainless Steel 201SS Outer (Body of the bottle))	ND
2.	White coating on metal (#5-46397 White Stainless Steel 201SS Outer (Body of the bottle))	ND
3.	Navy coating on metal (#6-46397 Navy Stainless Steel 201SS Outer (Body of the bottle))	ND
4.	Black plastic (Lid) (#3-46397 Black PP Plastic (Homopolymer PP) inner lid)	ND
5.	Translucent white soft plastic (Washer) (#4-46397 Silicone Ring)	ND
6.	Silvery metal (Inner tank, cup) (#1-46397 Stainless Steel 304SS Inner (Body of the bottle and Cup))	ND
7.	Silvery metal (Bottle) (#2-46397 Stainless Steel 201SS Outer (Body of the bottle)) (#2-46397 Stainless Steel 201SS Outer (Body of the bottle)) (#2-46397 Stainless Steel 201SS Outer (Body of the bottle))	ND

Note: - ppm = parts per million

- ND = Not Detected (lower than MDL)

MDL = Method Detection Limit =10 ppm

- 1% = 10000 mg/kg = 10000 ppm

# Remark: Summary of permissible limit(s) of Lead requirement otherwise warning label required.

Requirement(s)		Permissible Limit of Lead (ppm)	Effective Date
California Proposition 65 (County of Marin	Paint and surface coating	90	Current
Case No. CIV 1104003)	All other materials	100	Current

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6. Canada Consumer Product Safety Act (S.C. 2010, c. 21), Toys Regulations (SOR/2011-17) amended up to January 11, 2019 (Including amendments SOR/2012-71, SOR/2016-195, SOR/2016-302 and SOR/2018-138) - Section 23 (a) and Section 23 (c) - Lead and Mercury in surface coating material

Method: With reference to Canada Health Product Safety Bureau, Reference Manual Book 5 – Laboratory Policies and Procedures, Part B: Test Methods Section, Method C-02.2:2017 and C-07:2019

Test Item(s)		Hg
Permissible Limit (mg/kg)	90	ND
Specimen Description	Result(s	) (mg/kg)
<ol> <li>Black coating on metal (#2-46397 Black Stainless Steel 201SS Outer (Body of the bottle))</li> </ol>	ND	ND
2. White coating on metal (#5-46397 White Stainless Steel 201SS Outer (Body of the bottle))	ND	ND
3. Navy coating on metal (#6-46397 Navy Stainless Steel 201SS Outer (Body of the bottle))	ND	ND

Note:

- mg/kg = milligram per kilogram
- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit
- MDL for Pb = 10 mg/kg
- MDL for Hg = 10 mg/kg
- The action level of Mercury is 10 mg/kg according to the Industry guide to Health Canada's Safety Requirements for Children's Toys and Related Products, 2012

#### Remark:

When statement of conformity is made, unless the decision rule was mentioned in above specified test items, the decision rule would be based on the non-binary statement with guard band (is equal to the expanded measurement uncertainty with a 95% coverage probability,  $w = U_{95}$ ) in ILAC-G8:09/2019 Clause 4.2.3. "Pass - the measured value is within (or below / above) the acceptance limit, where the acceptance limit is below / above to the guard band." or "Pass - The measured values were observed in tolerance at the points tested. The specific false accept risk is up to 2.5%."

"Fail - the measured value is out of (or below / above) the tolerance limit added / subtracted to the guard band." or "Fail - One or more measured values were observed out of tolerance at the points tested". The specific false reject risk is up to 2.5%.

"Inconclusive – It is not possible to state the conformity. Either one or more measured values were observed in the portion of the expanded measurement uncertainty intervals at the points tested where the specific risk is up to 50%."

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