

## TEST REPORT

Test Report #	19H-004227	Date of Report Issue:	June 20, 2019
Date of Sample Received:	June 11, 2019	Pages:	Page 1 of 7

### CLIENT INFORMATION:

Company: BIC Graphic  
 Recipient: 14421 Myerlake Circle  
 Clearwater  
 Florida  
 33760  
 United States (USA)



### SAMPLE INFORMATION:

Description:	KOOZIE® Hartwell Vacuum Tumbler- 21oz. (New Color)	Test Request Form No.:	3214_HK
Assortment:	-	Country of Origin:	China
Item No.:	46178	Labeled Age Grade:	-
Shipment Order No.:	PO 7072038	Recommended Age Grade:	-
Country of Distribution:	United States, Canada	Tested Age Grade:	-
Quantity Submitted:	6 pcs		
Testing Period:	06/11/2019 – 06/18/2019		

### OVERALL RESULT:

 **PASS**

Refer to page 2 for test result summary and appropriate notes.

QIMA Testing (HK) Limited



Loska Yeung Lok Ka  
 Assistant Manager, Chemical Laboratory

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YOUR EYES IN THE SUPPLY CHAIN

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**TEST RESULTS SUMMARY:**

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED
PASS	California Proposition 65, Total Lead in Metal / Plastic / Textile
PASS	Client's Requirement, Bisphenol A <sup>#</sup>
PASS	FDA 21 CFR 177.1520, Polypropylene Copolymers
PASS	Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content

*Remark:*

CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings, California Proposition 65, Total Lead in Paints and Surface Coatings and Canadian Toys Regulations SOR/2011-17 as Amended, Item 23 – Total Lead and Mercury in Paints and Surface Coatings were not conducted as no paint and similar surface coating found on received sample.

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**DETAILED RESULTS:****California Proposition 65, Total Lead in Metal / Plastic / Textile**

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2	3	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	---	---	<b>100</b>
<b>Conclusion</b>	PASS	PASS	PASS	---	---	

*Note:*

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 10 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

*Remark:*

The specification is quoted from client's requirement.

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Black plastic (PP-co)	Black PP copolymer plastic slider
2	Dull black plastic (PP-co)	Black PP copolymer plastic lid
3	Silvery metal	Silver stainless steel body

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**DETAILED RESULTS:****Client's Requirement, Bisphenol A**

Test Method: In-House Method#  
 Analytical Method: Liquid Chromatography with Fluorescence Detection

Specimen No.		1	2	---	---	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Bisphenol A (BPA)	80-05-7	ND	ND	---	---	ND
<b>Conclusion</b>		PASS	PASS	---	---	

*Note:*

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not Detected (Reporting Limit = 1 ppm)

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Black plastic (PP-co)	Black PP copolymer plastic slider
2	Dull black plastic (PP-co)	Black PP copolymer plastic lid

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**DETAILED RESULTS:****FDA 21 CFR 177.1520, Polypropylene Copolymers**

Test Method: FDA 21 CFR 177.1520

Specimen No.			1	2	RL	Limit
Test Item	Temp.	Duration	Result	Result		
n-Hexane extractive (%)	50°C	2 hours	0.5	2.9	<b>0.4</b>	<b>5.5</b>
Xylene extractive (%)	Reflux	2 hours or until total dissolved	7.8	7.3	<b>1.0</b>	<b>30</b>
<b>Conclusion</b>			PASS	PASS		

**Note:**

Temp. = Temperature

°C = Degree Celsius

g/cc = Grams per cubic centimeter

% = Percent by weight

NA = Not applicable

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

**Remark:**

The specification is quoted from 21 CFR 177.1520 (c) 3.1a.

By client's request, density is not conducted in FDA 21 CFR 177.1520 PP-co.

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
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**DETAILED RESULTS:****Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content**

Test Method: ASTM F963-17 Clause 8.3.1  
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2	3	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	ND	---	---	<b>90</b>
<b>Conclusion</b>	PASS	PASS	PASS	---	---	

*Note:*

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 10 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Black plastic (PP-co)	Black PP copolymer plastic slider
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**SAMPLE PHOTO:**



-End Report-

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