

TEST REPORT

Test Report # 18H-009706 Date of Report Issue: January 30, 2019
Date of Sample Received: December 13, 2018 Pages: Page 1 of 7

CLIENT INFORMATION:

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



SAMPLE INFORMATION:

Description:	KOOZIE® Camron Double Wall Tumbler - 16oz, KOOZIE® Camron Double Wall Tumbler - 20oz		
Assortment:	-	Test Request Form No.:	1674
Item No.:	46175, 46176	Country of Origin:	China
Shipment Order No.:	-	Labeled Age Grade:	-
Country of Distribution:	United States, Canada	Recommended Age Grade:	-
Quantity Submitted:	2 pcs (Tumble) per style, 5 pcs (Lids) per style	Tested Age Grade:	-
Testing Period:	12/17/2018 – 12/27/2018		

OVERALL RESULT:



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 [#]
PASS	FDA 21 CFR 177.2420, Polyester Resins, Cross-Linked [#]

Remark:

By client's request, selected components were conducted for all chemical testing.

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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	4	7	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	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	Dull black plastic (Tritan-polyester)	Black Tritan slider (lid-black style)
2	Green plastic (Tritan-polyester)	Green Tritan slider (lids-green style)
3	Blue plastic (Tritan-polyester)	Royal blue Tritan slider (lid-blue style)
4	Red plastic (Tritan-polyester)	Red Tritan slider (lids-red style)
7	Black plastic (Tritan-polyester)	Tritan inner liner (tumbler-16oz/ tumbler-16-oz-inner tumbler styles)

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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	3	4	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Bisphenol A (BPA)	80-05-7	ND	ND	ND	ND	ND
Conclusion		PASS	PASS	PASS	PASS	

Specimen No.		7	---	---	---	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Bisphenol A (BPA)	80-05-7	ND	---	---	---	ND
Conclusion		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	Dull black plastic (Tritan-polyester)	Black Tritan slider (lid-black style)
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DETAILED RESULTS:**FDA 21 CFR 177.2420, Polyester Resins, Cross-Linked**Test Method: FDA 21 CFR 177.2420[#]

Specimen No.			1	2	RL (mg/in ²)	Limit (mg/in ²)
Test Item	Test Condition		Result (mg/in ²)	Result (mg/in ²)		
	Temp.	Duration				
Distilled water extractive	Fill boiling	Until Cool to 100°F	0.057	0.039	0.01	0.1
Conclusion			PASS	PASS		

Specimen No.			3	4	RL (mg/in ²)	Limit (mg/in ²)
Test Item	Test Condition		Result (mg/in ²)	Result (mg/in ²)		
	Temp.	Duration				
Distilled water extractive	Fill boiling	Until Cool to 100°F	0.024	0.015	0.01	0.1
Conclusion			PASS	PASS		

Specimen No.			7	---	RL (mg/in ²)	Limit (mg/in ²)
Test Item	Test Condition		Result (mg/in ²)	Result (mg/in ²)		
	Temp.	Duration				
Distilled water extractive	Fill boiling	Until Cool to 100°F	ND	---	0.01	0.1
Conclusion			PASS	---		

Note:

Temp. = Temperature

°F = Degree Fahrenheit

mg/in² = Milligrams per square inch

LT = Less than

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

Remark:

The specification is quoted from 21 CFR 177.2420 (c).

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SAMPLE PHOTO:



-End Report-

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