



TEST REPORT

Test Report #	19H-003946	Date of Report Issue:	June 11, 2019
Date of Sample Received:	May 30, 2019	Pages:	Page 1 of 10

CLIENT INFORMATION:

Company:	Hit Promotional Products
Recipient:	Nathan Cotter
Recipient Email:	ncotter@hitpromo.net



SAMPLE INFORMATION:

Description:	BENTO BOX LUNCH SET		
Assortment:	2 colors	Purchase Order Number:	307580
SKU No.:	2216	Agent:	Growth-Sonic
Factory No.:	127640	Country of Origin:	China
Country of Distribution:	United States	Labeled Age Grade:	-
Quantity Submitted:	2 pcs per style + 1 lot Parts	Recommended Age Grade:	-
Testing Period:	05/30/2019 – 06/11/2019	Tested Age Grade:	-

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

QIMA Testing (HK) Limited

Ricky Cheung Chin Yeung
Manager, Physical Laboratory

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TEST RESULTS SUMMARY:

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

CONCLUSION	TEST(S) CONDUCTED
PASS	CPSIA Section 101, Total Lead in Substrate Materials
PASS	California Proposition 65, Total Lead in Substrate Materials
PASS	Client's Requirement, Bisphenol A and Bisphenol S [#]
PASS	FDA 21 CFR 177.1520, Polypropylene Homopolymers
PASS	Client Performance Requirement – Dishwasher Test (10 Cycles) [#]
PASS	Client Safety Requirement – Microwave (First Cycle) [#]

Remark:

California Proposition 65, Total Lead in Paints and Surface Coatings and CPSIA Section 101 & 16 CFR 1303, Total Lead 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:**CPSIA Section 101, Total Lead in Substrate Materials**

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	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	---	---	---	100
Conclusion	PASS	PASS	---	---	---	

Note:

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

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

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

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DETAILED RESULTS:**California Proposition 65, Total Lead in Substrate Materials**

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	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	---	---	---	100
Conclusion	PASS	PASS	---	---	---	

Note:

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

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

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

Remark:

The specification is quoted from client's requirement.

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

Test Method: In-House Method#
 Analytical Method: Liquid Chromatography with Mass Spectrometry or
 Liquid Chromatography with Mass Spectrometry Mass Spectrometry

Specimen No.		1	4	5	---	Limit (ppb)
Test Item	CAS No.	Result (ppb)	Result (ppb)	Result (ppb)	Result (ppb)	
Bisphenol A (BPA)	80-05-7	ND	ND	ND	---	ND
Bisphenol S (BPS)	80-09-1	ND	ND	ND	---	ND
Conclusion		PASS	PASS	PASS	---	

Note:

ppb (Parts per billion) = µg/kg (Micrograms per kilogram)

NA = Not applicable

LT = Less than

ND = Not detected (Reporting limit: BPA = 1000 ppb; BPS = 200 ppb)

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

Test Method: FDA 21 CFR 177.1520

Specimen No.			1	4	RL	Limit
Test Item	Temp.	Duration	Result	Result		
Density (g/cc)	NA	NA	0.899	0.898	NA	0.880 – 0.913
Melting point (°C)	NA	NA	170.3	171.0	NA	150 – 180
n-Hexane extractive (%)	Reflux	2 hours	1.1	1.3	0.1	6.4
Xylene extractive (%)	120°C	2 hours or until total dissolved	2.3	2.7	0.5	9.8
Conclusion			PASS	PASS		

Specimen No.			5	---	RL	Limit
Test Item	Temp.	Duration	Result	Result		
Density (g/cc)	NA	NA	0.905	---	NA	0.880 – 0.913
Melting point (°C)	NA	NA	171.4	---	NA	150 – 180
n-Hexane extractive (%)	Reflux	2 hours	1.6	---	0.1	6.4
Xylene extractive (%)	120°C	2 hours or until total dissolved	2.8	---	0.5	9.8
Conclusion			PASS	---		

Note:

Temp. = Temperature

°C = Degree Celsius

g/cc = Grams per cubic centimeter

% w/w = 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) 1.1.

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DETAILED RESULTS:**Client Performance Requirement – Dishwasher Test (10 Cycles)[#]**

Test	Observation	Conclusion
Dishwasher Test – Top rack, 10 cycles	No crack, crazing, chipping or color fading was observed after testing	PASS

Client Safety Requirement – Microwave (First Cycle)[#]

Test	Observation	Conclusion
Microwave Safe Test – Filled with half of the water or full of the water, heat the sample in high power(~1000 W) until boiling	No breakage, deform or melt.	PASS

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Orange plastic (PP-homo)	Divider lid (all styles)
2	Grey plastic	Buckle of elastic band (white style)
3	Black plastic	Container/ buckle of elastic band (black style)
4	White plastic (PP-homo)	Fork/ spoon/ knife/ divider (all styles); container (white style)
5	Black plastic (PP-homo)	Container (black style)

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YOUR EYES IN THE SUPPLY CHAIN

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SAMPLE PHOTO:



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YOUR EYES IN THE SUPPLY CHAIN

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SAMPLE PHOTO:



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-End Report-

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