

TEST REPORT

Test Report # 19H-007672 Date of Report Issue: October 25, 2019
Date of Sample Received: October 16, 2019 Pages: Page 1 of 10

CLIENT INFORMATION:

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



SAMPLE INFORMATION:

Description: Utensil Kit With Carabiner
Assortment: 3 colors Purchase Order Number: 334587
SKU No.: 2422 Agent: Growth-Sonic
Factory No.: 127035 Country of Origin: China
Country of Distribution: United States Labeled Age Grade: -
Quantity Submitted: 5 pcs (Red, Lime, Blue), 4 pcs (White) Recommended Age Grade: -
Testing Period: 10/17/2019 – 10/25/2019 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 ^{#φ}
PASS	FDA 21 CFR 177.1640, Polystyrene [#]

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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+5	10	11	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	28	ND	---	100
Conclusion	PASS	PASS	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+5	10	11	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	28	ND	---	100
Conclusion	PASS	PASS	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^{#φ}
 Analytical Method: Liquid Chromatography with Mass Spectrometry or
 Liquid Chromatography with Mass Spectrometry Mass Spectrometry

Specimen No.		6	7	8	9	Limit (ppb)
Test Item	CAS No.	Result (ppb)	Result (ppb)	Result (ppb)	Result (ppb)	
Bisphenol A (BPA)	80-05-7	ND	ND	ND	ND	ND
Bisphenol S (BPS)	80-09-1	ND	ND	ND	ND	ND
Conclusion		PASS	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 177.1640, Polystyrene

Test Method: FDA 21 CFR 177.1640#
 Analytical Method: Gas Chromatography with Mass Spectrometry

Contact with Fatty Foods

Specimen No.		6	7	8	9	Limit (% m/m)
Test Item	CAS No.	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	
Styrene	100-42-5	0.07	ND	0.08	0.06	0.5
Conclusion		PASS	PASS	PASS	PASS	

Note:

% m/m = Percent by mass

LT = Less than

ND = Not detected (Reporting Limit = 0.05 % m/m)

Remark:

The specification is quoted from 21 CFR 177.1640 (c) (1).

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Transparent plastic	Case (all styles)
2	Red plastic	Base/ spoon/ fork/ knife (red style)
3	Green plastic	Base/ spoon/ fork/ knife (lime style)
4	Blue plastic	Base/ spoon/ fork/ knife (blue style)
5	White plastic	Base/ spoon/ fork/ knife (white style)
6	Red plastic (PS)	Spoon/ fork/ knife (red style)
7	Green plastic (PS)	Spoon/ fork/ knife (lime style)
8	Blue plastic (PS)	Spoon/ fork/ knife (blue style)
9	White plastic (PS)	Spoon/ fork/ knife (white style)
10	Silvery metal	Carabiner/ gate of carabiner (all styles)
11	Dull silvery metal	Rivet of carabiner (all styles)

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SAMPLE PHOTO:



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SAMPLE PHOTO:



-End Report-

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