

# TEST REPORT

Test Report #	19H-001280	Date of Report Issue:	March 18, 2019
Date of Sample Received:	March 11, 2019	Pages:	Page 1 of 13

**CLIENT INFORMATION:**

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



**SAMPLE INFORMATION:**

Description:	16 Oz. Confetti Swiggy Bottle		
Assortment:	1 color	Purchase Order Number:	297451
SKU No.:	5506	Agent:	Growth-Sonic
Factory No.:	127678	Country of Origin:	China
Country of Distribution:	United States	Labeled Age Grade:	-
Quantity Submitted:	5 pcs	Recommended Age Grade:	-
Testing Period:	03/11/2019 – 03/18/2019	Tested Age Grade:	-

**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	CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings
PASS	California Proposition 65, Total Lead in Paints and Surface Coatings
PASS	CPSIA Section 101, Total Lead in Substrate Materials
PASS	California Proposition 65, Total Lead in Substrate Materials
PASS	FDA GRAS Specifications, Total Chromium in Stainless Steel Food Containers <sup>#</sup>
PASS	Client's Requirement, Bisphenol A and Bisphenol S <sup>#</sup>
PASS	FDA 21 CFR 177.1210, Closures with Sealing Gaskets <sup>#</sup>
PASS	FDA 21 CFR 177.1520, Polypropylene Copolymers
PASS	Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content

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**DETAILED RESULTS:****CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings**

Test Method: CPSC-CH-E-1003-09.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	---	---	---	---	<b>90</b>
<b>Conclusion</b>	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 Paints and Surface Coatings**

Test Method: CPSC-CH-E-1003-09.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	---	---	---	---	<b>90</b>
<b>Conclusion</b>	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:****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.	3	4	5	6	7	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	<b>100</b>
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	

Specimen No.	8	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	---	---	---	---	<b>100</b>
<b>Conclusion</b>	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.	3	4	5	6	7	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	<b>100</b>
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	

Specimen No.	8	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	---	---	---	---	<b>100</b>
<b>Conclusion</b>	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:****FDA GRAS Specifications, Total Chromium in Stainless Steel Food Containers**

Test Method: In-House Method<sup>#</sup>  
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	5	---	---	---	---	Limit (% m/m)
Test Item	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	
Total Chromium (Cr)	18.3	---	---	---	---	<b>GT 16</b>
<b>Conclusion</b>	PASS	---	---	---	---	

*Note:*

% m/m = Percent by mass

GT = Greater than

*Remark:*

The limit is quoted from ANSI/NSF 51-1997 Section 7.1.2.

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

Test Method: In-House Method<sup>#</sup>  
 Analytical Method: Liquid Chromatography with Mass Spectrometry or  
 Liquid Chromatography with Mass Spectrometry Mass Spectrometry

Specimen No.		3	4	---	---	Limit (ppb)
Test Item	CAS No.	Result (ppb)	Result (ppb)	Result (ppb)	Result (ppb)	
Bisphenol A (BPA)	80-05-7	ND	ND	---	---	ND
Bisphenol S (BPS)	80-09-1	ND	ND	---	---	ND
<b>Conclusion</b>		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 177.1210, Closures with Sealing Gaskets**Test Method: FDA 21 CFR 177.1210<sup>#</sup>

Specimen No.			3	---	RL (ppm)	Limit (ppm)
Test Item	Test Condition		Result (ppm)	Result (ppm)		
	Temp.	Duration				
Distilled water extractive	Fill boiling	Until Cool to 100°F	ND	---	10	50
<b>Conclusion</b>			PASS	---		

**Note:**

Temp. = Temperature

°F = Degree Fahrenheit

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

LT = Less than

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

**Remark:**

The specification is quoted from 21 CFR 177.1210 Table 2 Section 2.

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

Test Method: FDA 21 CFR 177.1520

Specimen No.			4	---		
Test Item	Temp.	Duration	Result	Result	RL	Limit
Density (g/cc)	NA	NA	0.964	---	NA	0.85-1.00
n-Hexane extractive (%)	50°C	2 hours	1.4	---	0.4	5.5
Xylene extractive (%)	Reflux	2 hours or until total dissolved	1.4	---	1.0	30
<b>Conclusion</b>			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.

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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	4	5	6	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	ND	ND	<b>90</b>
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	

Specimen No.	7	8	---	---	---	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	---	---	---	<b>90</b>
<b>Conclusion</b>	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 = 20 ppm)

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**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Golden/ white inseparable coating	On bottle
2	Bronze coating	On lid
3	Translucent soft plastic (Silicone)	Gasket
4	Black plastic (PP-Co)	Inner lid
5	Silvery metal (304 SS)	Inner wall
6	Dull silvery metal	Outer wall
7	Off silvery metal	Lid
8	Matt silvery metal	Base

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**SAMPLE PHOTO:**



-End Report-