





TEST REPORT

Test Report # 19H-003341 Date of Report Issue: May 27, 2019

Date of Sample Received: May 14, 2019 Pages: Page 1 of 13

CLIENT INFORMATION:

Company: Hit Promotional Products

Recipient: Nathan Cotter

Recipient Email: ncotter@hitpromo.net

SAMPLE INFORMATION:

Description: 19 oz Everest Tumbler

Assortment: 8 colors Purchase Order Number: 313259

SKU No.: 5864 Agent: Brand New Days

Factory No.: 106719 Country of Origin: China

Country of Distribution: United States Labeled Age Grade: -

Quantity Submitted: 5 pcs per style Recommended Age Grade: -

Testing Period: 05/16/2019 – 05/27/2019 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



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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 177.1210, Closures with Sealing Gaskets#
PASS	FDA 21 CFR 177.1520, Polypropylene Copolymers
PASS	FDA 21 CFR 177.1640, Polystyrene [#]
PASS	FDA 21 CFR 180.22 and 181.32, Acrylonitrile/Styrene Copolymers
PASS	Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content

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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+6+7	8+9+10	11+12+13	Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	14+15+16	17+18+19				Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (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	5+6+7	8+9+10	11+12+13	Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	14+15+16	17+18+19				Total
Test Item	Result	Result	Result	Result	Result	Limit
rest item	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
Total Lead (Pb)	ND	ND				100
Conclusion	PASS	PASS				

Note:

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

LT = Less than

CS-HK-RE005-HITP

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.

Ver.12



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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	2	3	4	
Test Item	CAS No.	Result (ppb)	Result (ppb)	Result (ppb)	Result (ppb)	Limit (ppb)
Bisphenol A (BPA)	80-05-7	ND	ND	ND	ND	ND
Bisphenol S (BPS)	80-09-1	ND	ND	ND	ND	ND
Conclusi	ion	PASS	PASS	PASS	PASS	

Specimen No.		5	6	7	8	
Test Item	CAS No.	Result	Result	Result	Result	Limit
rest item	CAS NO.	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
Bisphenol A (BPA)	80-05-7	ND	ND	ND	ND	ND
Bisphenol S (BPS)	80-09-1	ND	ND	ND	ND	ND
Conclusi	on	PASS	PASS	PASS	PASS	

Specimen No.		9	10	11		
Test Item	CAS No.	Result (ppb)	Result (ppb)	Result (ppb)	Result (ppb)	Limit (ppb)
Bisphenol A (BPA)	80-05-7	ND	ND	ND		ND
Bisphenol S (BPS)	80-09-1	ND	ND	ND		ND
Conclusi	ion	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 177.1210, Closures with Sealing Gaskets

Test Method: FDA 21 CFR 177.1210#

Specime	1					
Tost Itom	Test Condition		Result	Result	RL	Limit
Test Item	Temp.	Duration	(ppm)	(ppm)	(ppm)	(ppm)
Distilled water extractive	Fill boiling Until Cool to 100°F		ND		10	50
		Conclusion	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.			3	4		
Test Item	Temp.	Duration	Result	Result	RL	Limit
Density (g/cc)	NA	NA	0.903	0.902	NA	0.85-1.00
n-Hexane extractive (%)	50°C	2 hours	0.6	ND	0.4	5.5
Xylene extractive (%)	Reflux	2 hours or until total dissolved	1.9	1.8	1.0	30
	Conclusion					

Specimen No.			5	6		
Test Item	Temp.	Duration	Result	Result	RL	Limit
Density (g/cc)	NA	NA	0.901	0.902	NA	0.85-1.00
n-Hexane extractive (%)	50°C	2 hours	0.6	ND	0.4	5.5
Xylene extractive (%)	Reflux	2 hours or until total dissolved	2.0	2.1	1.0	30
		Conclusion	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.

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DETAILED RESULTS:

FDA 21 CFR 177.1520, Polypropylene Copolymers

Test Method: FDA 21 CFR 177.1520

Specimen No.			7	8		
Test Item	Temp.	Duration	Result	Result	RL	Limit
Density (g/cc)	NA	NA	0.902	0.899	NA	0.85-1.00
n-Hexane extractive (%)	50°C	2 hours	ND	0.5	0.4	5.5
Xylene extractive (%)	Reflux	2 hours or until total dissolved	1.3	2.2	1.0	30
		Conclusion	PASS	PASS		

Specimen No.			9	10		
Test Item	Temp.	Duration	Result	Result	RL	Limit
Density (g/cc)	NA	NA	0.902	0.899	NA	0.85-1.00
n-Hexane extractive (%)	50°C	2 hours	0.7	0.7	0.4	5.5
Xylene extractive (%)	Reflux	2 hours or until total dissolved	2.3	1.6	1.0	30
Conclusion			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.

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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 Non-fatty Foods

Specimen No.		11				
Test Item	CAS No.	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	Limit (% m/m)
Styrene	100-42-5	ND				1.0
Conclusion		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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DETAILED RESULTS:

FDA 21 CFR 180.22 and 181.32, Acrylonitrile/Styrene Copolymers

Test Method: FDA 21 CFR 180.22 and 181.32

Analytical Method: Headspace-Gas Chromatography with Mass Spectrometry

Acrylonitrile Monomers:

Specimen No	2				
Test Simulant	Test Condition		Docult	RL	Limit
rest simulant	Temp.	Duration	Result	KL	Liffiit
Distilled water extractive (mg/in²)	120°F	2 hours	ND	0.001	0.003
3% Acetic acid extractive (mg/in²)	120°F	2 hours	ND	0.001	0.003
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 181.32 (b) (3).



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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+7	8+9+10	11+12+13	
Test Item	Result	Result	Result	Result	Result	Limit
rest item	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	14+15+16	17+18+19				
Test Item	Result	Result	Result	Result	Result	Limit
1 656 166111	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Total Lead (Pb)	ND	ND				90
Conclusion	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 mg/kg)

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



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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Translucent soft plastic (silicone)	Gasket (all styles)
2	Transparent plastic (AS)	Lid (all styles)
3	Red plastic (PP-co)	Slider (red style)
4	Orange plastic (PP-co)	Slider (orange style)
5	Green plastic (PP-co)	Slider (green style)
6	Blue plastic (PP-co)	Slider (blue style)
7	Purple plastic (PP-co)	Slider (purple style)
8	Black plastic (PP-co)	Slider (black style)
9	Pink plastic (PP-co)	Slider (fucsha style)
10	Light blue plastic (PP-co)	Slider (aqua style)
11	Clear plastic (PS)	Inner wall (all styles)
12	Dull red plastic	Outer wall (red style)
13	Dull orange plastic	Outer wall (orange style)
14	Dull green plastic	Outer wall (green style)
15	Dull blue plastic	Outer wall (blue style)
16	Dull purple plastic	Outer wall (purple style)
17	Dull black plastic	Outer wall (black style)
18	Dull pink plastic	Outer wall (fucsha style)
19	Dull light blue plastic	Outer wall (aqua style)

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SAMPLE PHOTO:





-End Report-

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