CONSUMER PRODUCTS SERVICES DIVISION

VISSTUN

Technical Report: **(5119)037-0006** February 20, 2019
Date Received: February 06, 2019 PAGE 1 OF 14

SHERRI HALL

COUNTERPOINT
6355 SUNSET CORPORATE DRIVE
LAS VEGAS, NV 89120
UNITED STATES

Sample Description:	H913, MMT2, C921, CH17, W2T2, F224		
Vendor:	N/A	Sample Size:	18
Manufacturer:	VISSTUN	Style No(s):	N/A
Buyer:	N/A	SKN/SKU No.:	N/A
Labeled Age Grade:	NOT PRESENT	PO No.:	N/A
Appropriate Age Grade:	NOT REQUESTED	Ref #:	N/A
Client Specified Age Grade:	OVER 3 YEARS OF AGE	Country of Origin:	UNITED STATES
Tested Age Grade:	OVER 3 YEARS OF AGE	Assortment No.:	N/A
UPC Code:	N/A		

EXECUTIVE SUMMARY:

The sample(s) MEETS the following requirement(s):

- The mechanical hazards requirements of 16 CFR 1500, “Federal Hazardous Substances Act Regulations.”
- The mechanical hazards requirements of 16 CFR 1500.53(c), “Bite test” (FHSA requirements).
- The flammability requirements of 16 CFR 1500.3(c) (6) (vi), "Flammable solid" (FHSA regulations).
- The mechanical hazards requirements of ASTM F963-17, “Standard consumer safety specification for toy safety”.
- The mechanical and physical properties requirements of the tested subclauses of the European Standard, “Safety of toys”, EN71: Part 1:2018.
- The total lead content of surface coating requirements of Illinois Lead Poisoning Prevention Act, Public Act 095-1019, in client’s specification (40ppm).
- The cadmium content requirement of the European Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII concerning the Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles, Item no. 23 (amended up to EU No. 2016/217).
- The heavy metals requirements of the European "Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste."
- The total lead content of 90ppm requirements of 16 CFR 1303, “Ban of lead-containing paint and certain consumer products bearing lead-containing paint” as mandated by Congress in section 101(f) of the Consumer Products Safety Improvement Act (CPSIA) of 2008, Public Law 110-314.
- The heavy metals content in packaging requirements of Model Toxics Legislation of the Toxics in Packaging Clearinghouse, TPCH (formerly the Coalition of Northeastern Governors, CONEG).

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The sample(s) MEETS the following requirement(s): *(continued)*

- The Lead and Cadmium requirements of CA Proposition 65 Health and Safety Code, “Safe Drinking Water and Toxic Enforcement Act”, Settlement CGC-05-440811, set forth by the Superior Court of California, City and County of San Francisco.
- The total lead content of substrate materials requirements of Illinois Lead Poisoning Prevention Act, Public Act 095-1019, in client’s specification (40ppm).
- The total lead content of 100ppm requirements by composite testing in substrate materials (Consumer Products Safety Improvement Act (CPSIA) of 2008).
- The soluble heavy metals content requirement of client's specification.
- The limits set forth in US Food and Drug Administration (FDA), Title 21, Code of Federal Regulations (CFR), Section 176.170, “Indirect Food Additives: Paper and Paperboard Components.
- The limits set forth in Title 21, Code of Federal Regulations (CFR), Section 177.1520 "Indirect Food Additives: Polymers - Olefin Polymers - Olefin Basic Copolymers (Described in paragraph (a)(3)(i))", paragraph (c)3.1, for use in articles that contact food except for articles used for packing or holding food during cooking.
- The E. coli requirement of the client’s specification.
- The salmonella requirement of the client’s specification.
- The pseudomonas aeruginosa requirement of the client’s specification.
- The staphylococcus aureus requirement of the client’s specification.
- The total coliform requirement of the client’s specification.
- The total plate count requirement of the client’s specification.

Note: According to the associated documents of Consumer Product Safety Improvement Act (CPSIA) of 2008, exemptions were granted to certain materials or products, such as natural materials / paper and similar materials / CMYK process printing inks / metal & alloys / electronics devices components / ordinary books / dyed & undyed textiles. Therefore, the lead content analysis of cmyk, paper was not conducted.

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Bureau Veritas
Consumer Products Services, Inc.

Daniel Warf
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/gf

RESULTS:

Sample #	(5119)037-0006A
Sample ID	Land Title H913
Total Plate Count	est. <10 cfu/item
Total Coliform	< 0.3 MPN/item
E. coli	< 0.3 MPN/item
Staphylococcus aureus	<10 cfu/item
Pseudomonas aeruginosa	Negative
Salmonella	Negative

Sample #	(5119)037-0006B
Sample ID	Oatmeal MMT2
Total Plate Count	est. <10 cfu/item
Total Coliform	< 0.3 MPN/item
E. coli	< 0.3 MPN/item
Staphylococcus aureus	<10 cfu/item
Pseudomonas aeruginosa	Negative
Salmonella	Negative

Sample #	(5119)037-0006C
Sample ID	AT&T Golf C921
Total Plate Count	est. <10 cfu/item
Total Coliform	< 0.3 MPN/item
E. coli	< 0.3 MPN/item
Staphylococcus aureus	<10 cfu/item
Pseudomonas aeruginosa	Negative
Salmonella	Negative

Sample #	(5119)037-0006D
Sample ID	Daily Harvest CH17
Total Plate Count	est. <10 cfu/item
Total Coliform	< 0.3 MPN/item
E. coli	< 0.3 MPN/item
Staphylococcus aureus	<10 cfu/item
Pseudomonas aeruginosa	Negative
Salmonella	Negative

Sample #	(5119)037-0006E
Sample ID	Dog W2T2
Total Plate Count	est. <10 cfu/item
Total Coliform	< 0.3 MPN/item
E. coli	< 0.3 MPN/item
Staphylococcus aureus	<10 cfu/item
Pseudomonas aeruginosa	Negative
Salmonella	Negative

Sample #	(5119)037-0006F
Sample ID	Pink Cup F224
Total Plate Count	est. <10 cfu/item
Total Coliform	< 0.3 MPN/item
E. coli	< 0.3 MPN/item
Staphylococcus aureus	<10 cfu/item
Pseudomonas aeruginosa	Negative
Salmonella	Negative

Sample received and tested in good condition unless otherwise noted.

est. = Refers to actual counts not in the range of 30 to 300 colonies. When these counts are performed on diluted samples the final count may appear to be within this range when in actuality it was not.

cfu = colony forming units
< = less than
MPN = Most probable number

FDA FOOD SIMULATING SOLVENT EXTRACTIVES
POLYMERS: OLEFIN POLYMERS - OLEFIN BASIC COPOLYMERS

The samples were tested according to the Food and Drug Administration (FDA), Title 21, Code of Federal Regulations (CFR), Section 177.1520 "Indirect Food Additives: Polymers - Olefin Polymers - Olefin Basic Copolymers (Described in paragraph (a)(3)(i))".

Sample Description: White plastic, transparent pink plastic (Cup ; Style: E,F)

Condition of Use: For use in articles that contact food except for articles used for packing or holding food during cooking.

PARAMETER	RESULT	REQUIREMENT	CONCLUSION
– Density	0.91 g/cc	0.85-1.00 g/cc	Pass
– Hexane Extractables	1.2 %	≤5.5%	Pass
– Solubles Xylene	4.2 %	≤30.0%	Pass

g/cc = grams per cubic centimetre
≤ = Less than or equivalent to
* = Average of duplicate analyses
LT = Less Than

FDA FOOD SIMULATING SOLVENT EXTRACTIVES
INDIRECT FOOD ADDITIVES – COMPONENTS OF PAPER AND PAPERBOARD IN CONTACT WITH AQUEOUS AND FATTY FOODS

The sample(s) was evaluated according to the US Food and Drug Administration (FDA), Title 21, Code of Federal Regulations (CFR), Section 176.170, “Indirect Food Additives: Paper and Paperboard”.

Condition of Use: (E) - Room temperature filled and stored (no thermal treatment in the container)

Sample Description		
Color / Component	Location	Style
(A) White paper	Inner cup	A,C

Parameter	Result (mg/sq. in)	Maximum Allowable Limit (mg/sq. in)	Conclusion
• Distilled water	0.1	0.5	Pass

LT = Less Than
N/A = Not Applicable
mg/sq. in. = milligrams per square inch (of food-contact surface)
** = An average of duplicate analyses.*

FDA FOOD SIMULATING SOLVENT EXTRACTIVES
INDIRECT FOOD ADDITIVES – COMPONENTS OF PAPER AND PAPERBOARD IN CONTACT WITH AQUEOUS AND FATTY FOODS

The sample(s) was evaluated according to the US Food and Drug Administration (FDA), Title 21, Code of Federal Regulations (CFR), Section 176.170, "Indirect Food Additives: Paper and Paperboard".

Condition of Use: (C) - Hot filled or pasteurized above 150°F

Sample Description		
Color / Component	Location	Style
(A) White paper	Inner cup	B,D

Parameter	Result (mg/sq. in)	Maximum Allowable Limit (mg/sq. in)	Conclusion
• Distilled water	LT 0.1	0.5	Pass
• n-Heptane	LT 0.1	0.5	Pass

LT = Less Than
N/A = Not Applicable
mg/sq. in. = milligrams per square inch (of food-contact surface)
** = An average of duplicate analyses.*

TOTAL LEAD CONTENT IN SURFACE COATING (Illinois General Assembly, Public Act 095-1019)

Test Method: Acid digestion followed by Atomic Absorption Spectrophotometry or Inductively Coupled Plasma Spectrometry

Analyte	Lead	
Requirement: Maximum allowable limit:	40 mg/kg	
Requirement: Range limit requiring warning	40 – 100 mg/kg*	

Analyte				Lead (Pb)	Conclusion
Sample Description				Result (mg/kg)	
Color / Component		Location	Style		
(A)	Dull black/red coating	Cup	B	LT 5.00	Pass
(B)	Multi-color coating	Cup	C,D	LT 5.00	Pass
(D)	Multi-color coating	Cup	E	LT 5.00	Pass
(E)	Multi-color/white coating	Cup	F	LT 5.00	Pass

LT = Less Than
mg/kg = milligrams per kilogram (ppm = parts per million)
** = Average of duplicate analyses*

CADMIUM CONTENT (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 23)

Category:				Plastics	
Element:				Cadmium	
Test Method:				In house acid digestion	
Maximum Allowable Limit:				100 mg/kg (0.01% by weight)	
Test Component				Result (mg/kg)	Conclusion
Colour/Component		Location	Style		
(F)	Clear plastic	Cup	F	LT 5.00	Pass
(G)	Clear plastic	Cup	F	LT 5.00	Pass

LT = Less than *mg/kg = milligrams per kilogram (ppm = parts per million)*
** = Average of duplicate analyses*

Category:				Paints	
Element:				Cadmium	
Test Method:				In house acid digestion	
Maximum Allowable Limit:				100 mg/kg (0.1% by weight)	
Test Component				Result (mg/kg)	Conclusion
Colour/Component		Location	Style		
(A)	Dull black/red coating	Cup	B	LT 5.00	Pass
(B)	Multi-color coating	Cup	C,D	LT 5.00	Pass
(D)	Multi-color coating	Cup	E	LT 5.00	Pass
(E)	Multi-color/white coating	Cup	F	LT 5.00	Pass

LT = Less than *mg/kg = milligrams per kilogram (ppm = parts per million)*
** = Average of duplicate analyses*

HEAVY METALS PRESENT IN PACKAGING (European Council Directive 94/62/EC on Packaging and Packaging Waste)

Sample Identity	Color / Component	Location	Product style
(A)	Dull black/red coating	Cup	B
(B)	Multi-color coating	Cup	C,D
(C)	All color printed white waxy paperboard with adhesive	Cup/bottom	A-D
(D)	Multi-color coating	Cup	E
(E)	Multi-color/white coating	Cup	F
(F)	Clear plastic	Cup	F
(G)	White plastic with adhesive	Cup/bottom	E,F

Sample Identity:	(A)	(B)	(C)	(D)	Maximum
Parameter:	The sum of lead, cadmium, mercury and hexavalent chromium				Allowable Limit
Element	Result (mg/kg (ppm))				(mg/kg)
Cadmium	LT 5.00	LT 5.00	LT 5.00	LT 5.00	-----
Chromium	LT 5.00	LT 5.00	LT 5.00	LT 5.00	-----
Mercury	LT 5.00	LT 5.00	LT 5.00	LT 5.00	-----
Lead	LT 5.00	LT 5.00	LT 5.00	LT 5.00	-----
Sum	LT 20.0	LT 20.0	LT 20.0	LT 20.0	100
Conclusion:	Pass	Pass	Pass	Pass	-----

LT = Less Than *mg/kg = milligrams per kilogram (ppm = parts per million)*

Sample Identity:	(E)	(F)	(G)	Maximum
Parameter:	The sum of lead, cadmium, mercury and hexavalent chromium			Allowable Limit
Element	Result (mg/kg (ppm))			(mg/kg)
Cadmium	LT 5.00	LT 5.00	LT 5.00	-----
Chromium	6.70	LT 5.00	LT 5.00	-----
Mercury	LT 5.00	LT 5.00	LT 5.00	-----
Lead	LT 5.00	LT 5.00	LT 5.00	-----
Sum	21.7	LT 20.0	LT 20.0	100
Conclusion:	Pass	Pass	Pass	-----

LT = Less Than *mg/kg = milligrams per kilogram (ppm = parts per million)*

TOTAL LEAD CONTENT IN SURFACE COATING BY COMPOSITE TESTING ("Ban of Lead-containing paint and certain consumer products bearing Lead-containing paint", Consumer Product Safety Improvement Act (CPSIA) of 2008)

Test Method: U.S. CPSC-CH-E1003.09.1:2011

Element:				Lead		
Requirement: Maximum allowable limit:				90 mg/kg		
Sample Description				Result (mg/kg)		Conclusion
Color / Component		Location	Style	Overall	Potential	
(A)	Dull black/red coating	Cup	B	LT 5.00	-	Pass
(D)	Multi-color coating	Cup	E	LT 5.00	-	Pass
(E)	Multi-color/white coating	Cup	F	LT 5.00	-	Pass

LT = Less Than
** = Average of duplicate analyses*
mg/kg = milligrams per kilogram (ppm = parts per million)
Potential = Estimated lead content per component is based on calculation by component individual weight

Heavy Metals Content in Packaging or Packaging Materials - United States Toxics in Packaging Clearinghouse (TPCH), Model Toxics in Packaging Legislation with Revisions up to December 2008

Test Method I : With reference to U.S. EPA 3050B: 1996.

Test Method II : With reference to U.S. EPA 3051/3052: 1996.

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
A	Dull black/red coating	Cup	B
B	Multi-color coating	Cup	C,D
C	All color printed white waxy paperboard with adhesive	Cup/bottom	A-D
D	Multi-color coating	Cup	E
E	Multi-color/white coating	Cup	F
F	Clear plastic	Cup	F
G	White plastic with adhesive	Cup/bottom	E,F

Element(s)	**Lead (Pb)**	**Cadmium (Cd)**	**Mercury (Hg)**	**Hexavalent Chromium (Cr VI)**
Maximum Allowable Limit (mg/kg)	**100 mg/kg (Sum)**			

-	**Unit**	**Result**			
Test Item(s)	-	A	B	C	D
Test Method	-	II	II	II	II
Sample did not fully digest	-	---	---	---	---
Sum of Pb, Cd, Hg & Cr VI	mg/kg	LT 20.0	LT 20.0	LT 20.0	LT 20.0
Conclusion	-	Pass	Pass	Pass	Pass

-	**Unit**	**Result**		
Test Item(s)	-	E	F	G
Test Method	-	II	II	II
Sample did not fully digest	-	---	---	---
Sum of Pb, Cd, Hg & Cr VI	mg/kg	21.7	LT 20.0	LT 20.0
Conclusion	-	Pass	Pass	Pass

Note / Key :

ND = Not detected LT = Less than * = average of duplicate analysis

mg/kg = milligram(s) per kilogram = ppm = part(s) per million 10000 mg/kg = 1 %

^ = analysis performed by XRF

** = sample did not digest EPA = Environmental Protection Agency

ISO = International Organization of Standardization

Detection Limit (mg/kg) : Sum 20

Remark :

- This legislation was originally drafted by the Source Reduction Council of the Coalition of Northeastern Governors (CONEG).
- According to Model Toxics in Packaging Legislation with Revisions up to December 2008, Section 5(c), exemption were granted to recycled material containing up to 200 milligrams per kilogram for the sum of lead, cadmium, mercury and hexavalent chromium.
- Unless further specified, the reported result(s) of Test Item(s) was (were) performed by total metal(s) content analysis through complete decomposition.
- Test Item(s) marked as “recycled” was (were) claimed as recycled material by client. Therefore, this (these) Test Item(s) containing the found sum of lead, cadmium, mercury and hexavalent chromium level should be exempted.
- Total chromium (Cr) may have been detected in the result(s). Therefore, Test Method(s), with reference to U.S. EPA 3060A: 1996 and (or) with reference to International Standard ISO 3613: 2010, was (were) further performed on this (these) Test Item(s) in confirming the presence of hexavalent chromium.

TOTAL LEAD AND CADMIUM CONTENT (San Francisco Superior Court, CGC-05-440811)

Analyte	Lead	Cadmium	
Requirement: Maximum allowable limit:	600 mg/kg	4800 mg/kg	

Analyte				Lead (Pb)	Cadmium (Cd)	Conclusion
Sample Description				Result (mg/kg)		
Color / Component		Location	Style			
(D)	Multi-color coating	Cup	E	LT 5.00	LT 5.00	Pass
(E)	Multi-color/white coating	Cup	F	LT 5.00	LT 5.00	Pass

LT = Less Than *mg/kg = milligrams per kilogram (ppm=parts per million)*
** = Average of duplicate analyses*

TOTAL LEAD CONTENT IN SUBSTRATES (Illinois General Assembly, Public Act 095-1019)

Test Method: Acid digestion followed by Atomic Absorption Spectrophotometry or Inductively Coupled Plasma Spectrometry

Analyte	Lead	
Requirement: Maximum allowable limit:	40 mg/kg	
Requirement: Range limit requiring warning	40 – 100 mg/kg*	

Analyte				Lead (Pb)	Conclusion
Sample Description				Result (mg/kg)	
Color / Component		Location	Style		
(C)	All color printed white waxy paperboard with adhesive	Cup/bottom	A-D	LT 5.00	Pass
(F)	Clear plastic	Cup	F	LT 5.00	Pass
(G)	White plastic with adhesive	Cup/bottom	E,F	LT 5.00	Pass

LT = Less Than *mg/kg = milligrams per kilogram (ppm = parts per million)*
** = Average of duplicate analyses*

TOTAL LEAD CONTENT IN SUBSTRATE BY COMPOSITE TESTING (100PPM) (Consumer Product Safety Improvement Act (CPSIA) of 2008)

Test Method: U.S. CPSC-CH-E1001-08.3:2012 or U.S. CPSC-CH-E1002-08.3:2012

Analyte	Lead	
Requirement: Maximum allowable limit:	100 mg/kg	

Analyte				Lead (Pb)	Conclusion
Sample Description				Result	
Color / Component		Location	Style	(mg/kg)	
(C)	All color printed white waxy paperboard with adhesive	Cup/bottom	A-D	LT 5.00	Pass
(F)	Clear plastic	Cup	F	LT 5.00	Pass
(G)	White plastic with adhesive	Cup/bottom	E,F	LT 5.00	Pass

LT = Less Than *mg/kg = milligrams per kilogram (ppm = parts per million)*
** = Average of duplicate analyses*

SOLUBLE HEAVY METALS CONTENT (Client's specification)

Sample Identity	Color	Location	Style
H.	Multi-color coating	Cup	E
I.	Multi-color/white coating	Cup	F

Analyte	As	Ba	Cd	Cr	Hg	Pb	Sb	Se	
Maximum Limit (mg/kg)	25	1000	75	60	60	90	60	500	
Analytical Correction	60%	30%	30%	30%	50%	30%	60%	60%	

Analyte	As	Ba	Cd	Cr	Hg	Pb	Sb	Se	Mass of Trace Amount	Conclusion
Sample	Result (mg/kg)								(g)	
H.	LT 2.5	LT 100	LT 7.5	LT 6.0	LT 6.0	LT 9.0	LT 6.0	LT 50	0.0130	Pass
I.	LT 2.5	LT 100	LT 7.5	LT 6.0	LT 6.0	LT 9.0	LT 6.0	LT 50	0.0237	Pass

LT = Less Than
CR = adjusted analytical result
mg/kg = milligrams per kilogram (ppm=parts per million)
** = Average of duplicate analysis*

As = Arsenic, Ba = Barium, Cd = Cadmium,
Cr = Chromium, Hg = Mercury, Pb = Lead,
Sb = Antimony, Se = Selenium

EXHIBIT # 1

SAMPLE PRODUCT