



CONSUMER PRODUCTS SERVICES DIVISION

TERVIS TUMBLER CO

Technical Report: (5118)149-0011 Revision
Date Received: May 29, 2018

July 09, 2018
PAGE 1 OF 70

JEREMY CHUPP

TERVIS TUMBLER CO
201 TRIPLE DIAMOND BLVD.
NORTH VENICE, FL 34275
UNITED STATES

Sample Description:	STAINLESS STEEL COLLECTION		
Manufacturer:	TERVIS TUMBLER CO (T2)	Colorant Code:	BK1
No. of Samples:	24	SKU:	TBD; 1295067, TBD, 1277892
Country of Origin:	CHINA	Country of Destination:	US/CAN/MEXICO
Color:	ANCHOR SCALLOPS, FLORAL, BIRDS, BUTTERFLIES	Age Grade:	NOT PRESENT
Manufactured Date:	03/2018	Material:	STAINLESS STEEL, SURFACE COATING
Protocol No.:	/	Previous Report No.:	51172830044
Product End Use:	DRINKING ARTICLE (FOOD CONTACT)		
Type of Testing:	Full Protocol		

EXECUTIVE SUMMARY:

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

The requirements of test protocol CPSD-HL-06000-USA-3 STAR TABLEWARE SERVING, EATING, DRINKING EQUIPMENT (V43)

The requirements of test protocol TERV-TY-08001-USA-CAN-MEX CHILDREN DRINKING EQUIPMENT AND ICE BUCKET (V8)

The requirements of test protocol CPSD-AN-06001-USA-3 STAR FOOD CONTACT ARTICLE (V12)

The requirements of test protocol CPSD-AN-06001.05-USA-ALL STARS METAL ALLOY ENAMEL FOOD CONTACT ARTICLE (V25)

The requirements of test protocol CPSD-AN-06572-USA CALIFORNIA PROPOSITION 65 (V100)

The requirements of test protocol CPSD-AN-08444-USA CPSIA REQUIREMENTS SUPPLEMENT (V30)

The requirements of test protocol CPSD-HL-09067-CAN-MEX-USA-3 STAR PACKAGING AND LABELING REQUIREMENTS (V22)

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 stainless steel was not conducted.



TERVIS TUMBLER CO
Technical Report: **(5118)149-0011R**
July 09, 2018
PAGE 2 OF 70

Note: Exemptions were granted to certain materials or products, such as natural materials / paper and similar materials / CMYK process printing inks / metal & alloys / dyed & undyed textiles. Therefore, the lead content analysis of stainless steel was not conducted.

Note: According to client's specification based on ASTM F963-17, "Standard consumer safety specification on toy safety", Section 4.3.5.2 (1)(b), toys and parts of toys which, due to their accessibility, function, mass, size or other characteristics, obviously exclude any hazard due to sucking, licking or swallowing are not subject to heavy metals content in substrate requirement of ASTM F963-17, Section 4.3.5.2(2)(b). Therefore, the samples are exempt from such requirement.

Note: Report revised to conduct additional GRAS testing and update results.

BVCPS Buffalo Contact Information for this Report:

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Bureau Veritas
Consumer Products Services, Inc.

Daniel Warf
Product Test Engineer,
Toy and Juvenile Products Department

/TR



CPSD-GB-08612-DATA-CLAIM VERIFICATION LEVEL 2

Claim / Variation	Recorded	Result	Rating
[A] 30oz. Stainless Tumbler			
Designs By tervis®	<i>Bureau Veritas can't verify.</i>	<input type="checkbox"/> M <input type="checkbox"/> NM NT (unable to substantiate through protocol testing) <input checked="" type="checkbox"/>	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL
30oz.Stainless Tumbler	A 30 oz tumbler is provided.	<input checked="" type="checkbox"/> M <input type="checkbox"/> NM NT (unable to substantiate through protocol testing) <input type="checkbox"/>	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
[B] 24oz. Stainless Water Bottle			
24oz.Stainless Water Bottle	A 24 oz water bottle is provided.	<input checked="" type="checkbox"/> M <input type="checkbox"/> NM NT (unable to substantiate through protocol testing) <input type="checkbox"/>	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
[C] 20oz. Stainless Tumbler			
20oz. Stainless Tumbler	A 20 oz tumbler is provided.	<input checked="" type="checkbox"/> M <input type="checkbox"/> NM NT (unable to substantiate through protocol testing) <input type="checkbox"/>	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
[D] 12oz. Stainless Cup			
12oz. Stainless Cup	A 12 oz cup is provided.	<input checked="" type="checkbox"/> M <input type="checkbox"/> NM NT (unable to substantiate through protocol testing) <input type="checkbox"/>	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL



EXECUTIVE SUMMARY

HEAVY METALS CONTENT IN SURFACE COATING (Client's specification)

Sample Identity	Color	Location	Style
A.	Clear/multicolor/white coating Clear/ multicolor/white coating Clear/multicolor/white/black coating	Butterfly mug Anchor mug Short floral mug	-
A-1	Clear/multicolor/white coating	Butterfly mug	-
A-2	Clear/multicolor/white coating	Anchor mug	-
A-3	Clear/multicolor/white/black coating	Short floral mug	-
B.	Clear/multicolor/white coating	Tall floral mug	-
B-1	Clear/multicolor/white coating	Tall floral mug	-

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

Analyte	As	Ba	Cd	Cr	Hg	Pb	Sb	Se	Conclusion
Sample	Result (mg/kg)								
A	LT 5.0	LT 50	LT 7.5	2550	LT 6.0	LT 9.0	LT 6.0	LT 50	Pass
A-1	-	-	-	LT 6.0	-	-	-	-	
A-2	-	-	-	11.6	-	-	-	-	
A-3	-	-	-	16.3	-	-	-	-	
B	LT 5.0	LT 50	LT 7.5	1330	LT 6.0	LT 9.0	LT 6.0	LT 50	Pass
B-1	-	-	-	6.96	-	-	-	-	

LT = Less Than
 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



TOTAL CADMIUM CONTENT IN SURFACE COATING AND SUBSTRATES (Washington Bill HB 2647, Revised Code of Washington, Title 70, Chapter 70.240)

Element:				Cadmium	
Requirement: Maximum allowable limit: (mg/kg)				40	
Sample Description				Result (mg/kg)	Conclusion
Color / Component	Location	Style			
(A) Clear/multicolor/white coating	Butterfly mug	-		LT 7.5	Pass
Clear/ multicolor/white coating	Anchor mug				
Clear/multicolor/white/black coating	Short floral mug				
(B) Clear/multicolor/white coating	Tall floral mug	-		LT 7.5	Pass

LT = Less Than

mg/kg = milligrams per kilogram (ppm = parts per million)

* = Average of duplicate analyses

TOTAL LEAD AND CADMIUM CONTENT IN SURFACE COATING AND SUBSTRATES (Washington Bill HB 2647, Revised Code of Washington, Title 70, Chapter 70.240)

Element:				Cadmium	Lead	
Requirement: Maximum allowable limit (mg/kg)				40	90	
Sample Description				Result (mg/kg)	Result (mg/kg)	Conclusion
Color / Component	Location	Style				
(C) Silver metal	Butterfly mug, anchor mug & short floral mug	-		LT 10.0	LT 10.0	Pass
(D) Shiny silver metal	Tall floral mug	-		LT 10.0	LT 10.0	Pass

LT = Less Than

mg/kg = milligrams per kilogram (ppm = parts per million)

* = Average of duplicate analyses



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			
(A)	Clear/multicolor/white coating	Butterfly mug	-	LT 9.0	LT 6.0	Pass
	Clear/ multicolor/white coating	Anchor mug				
	Clear/multicolor/white/black coating	Short floral mug				
(B)	Clear/multicolor/white coating	Tall floral mug	-	LT 9.0	LT 6.0	Pass

LT = Less Than

mg/kg = milligrams per kilogram (ppm=parts per million)

* = Average of duplicate analyses

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

Element:				Lead		
Requirement: Maximum allowable limit:				90 mg/kg		
Sample Description				Result (mg/kg)		Conclusion
	Color / Component	Location	Style	Overall	Potential	
(E)	Clear/multicolor/white coating	Butterfly mug	-	LT 9.0	-	Pass
	Clear/ multicolor/white coating	Anchor mug				
	Clear/multicolor/white/black coating	Short floral mug				
(F)	Clear/multicolor/white coating	Tall floral mug	-	LT 9.0	-	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



TOTAL LEAD CONTENT IN SURFACE COATING (Canada Consumer Product Safety Act – Consumer Products Containing Lead (Contact with Mouth) Regulations, SOR/2010-273)

Analyte	Lead	
Requirement: Maximum allowable limit:	90 mg/kg	

Analyte				Lead (Pb)	Conclusion
Sample Description				Result (mg/kg)	
	Color / Component	Location	Style		
(A)	Clear/multicolor/white coating	Butterfly mug	-	LT 9.0	PASS
	Clear/ multicolor/white coating	Anchor mug			
	Clear/multicolor/white/black coating	Short floral mug			

LT = Less Than

* = Average of duplicate analyses

mg/kg =milligrams per kilogram (ppm=parts per million)

ND=Not detected

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	

Analyte				Lead (Pb)	Conclusion
Sample Description				Result (mg/kg)	
	Color / Component	Location	Style		
(C)	Clear/multicolor/white coating	Tall floral mug	-	LT 9.0	Pass
(D)	Clear/multicolor/white coating	Butterfly mug	-	LT 10.0	Pass
(E)	Clear/multicolor/white coating	Anchor mug	-	LT 10.0	Pass
(F)	Clear/multicolor/white/black coating	Short floral mug	-	LT 10.0	Pass

LT = Less Than

* = Average of duplicate analyses

mg/kg = milligrams per kilogram (ppm = parts per million)



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

Element:			Cadmium	Lead		
Requirement: Maximum allowable limit:			8.0 µg/wipe	1.0 µg/wipe		
Sample Description			Result		Conclusion	
Color / Component	Location	Style	(µg/wipe)			
(A)	Clear/multicolor/white coating	Butterfly mug	-	LT 4.0	LT 1.0	Pass
	Clear/ multicolor/white coating	Anchor mug				
	Clear/multicolor/white/black coating	Short floral mug				

LT = Less than

µg/wipe = micrograms per wipe

* = Average of duplicate analyses

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

Test Method: U.S. CPSC-CH-E1001-08.1 (June 21, 2010) or U.S. CPSC-CH-E1002-08.1 (June 21, 2010).

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

Analyte			Lead (Pb)	Conclusion
Sample Description			Result	
Color / Component	Location	Style	(mg/kg)	
(G) Shiny silver metal	Tall floral mug	-	LT 10.0	Pass

LT = Less Than

mg/kg = milligrams per kilogram (ppm = parts per million)

* = Average of duplicate analyses



RESULTS:

CLIENT'S TOTAL 7 PHTHALATES CONTENT REQUIREMENT (sum of BBP, DBP, DEHP, DNOP, DINP, DIDP and DnHP)

Method: Sample was extracted with organic solvent followed by the analysis using Liquid Chromatographic Mass Spectrometer / Gas Chromatographic Mass Spectrometer.

Color / Component		Location	Style
A.	Composite: clear and clear/multi-color/black coating	Cups	Across

Test Parameter	BBP	DBP	DEHP	DnHP	DNOP	DINP	DIDP	Sum of 7 phthalates	
Limit (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Sample	Result (%)								Conclusion
A	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.035	Pass

Detection Limit :

DNOP = Di-n-octyl phthalate (0.005%)
 DINP = Di-iso-nonyl phthalate (0.005%)
 DIDP = Di-iso-decyl phthalate (0.005%)
 BBP = Butyl benzyl phthalate (0.005%)
 DBP = Dibutyl phthalate (0.005%)
 DEHP = Di(2-ethylhexyl) phthalate (0.005%)
 DnHP = Di-n-hexyl phthalate (0.005%)

Results reported in percentage

LT = Less than
 ND = None detected



TERVIS TUMBLER CO
 Technical Report: **(5118)149-0011R**
 July 09, 2018
 PAGE 10 OF 70

PHthalates Content in Children's Products by Composite Testing (Washington Children's Safe Products Act (CSPA) - RCW Chapter 70.240.020)

Color / Component		Location	Style
A.	Composite: clear and clear/multi-color/black coating	Cups	Across

Test Parameter	BBP	DBP	DEHP	DNOP	DINP	DIDP	Sum of 6 phthalates	
Limit (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Sample	Result (%)							Conclusion
A.	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.030	Pass

Detection Limit :

BBP = Butyl benzyl phthalate (0.005%)
 DBP = Dibutyl phthalate (0.005%)
 DEHP = Di(2-ethylhexyl) phthalate (0.005%)
 DNOP = Di-n-octyl phthalate (0.005%)
 DINP = Di-iso-nonylphthalate(0.005%)
 DIDP = Di-iso-decyl phthalate (0.005%)

Results reported in percentage

LT = Less than
 ND = None detected



BISPHENOL-A (BPA) CONTENT (Various state laws (eg. CT Public Act# 09-103, MN Chapter 40 SF #247, 2009 WI Act 145, Safe Baby Bottle Act, SSB 6248), Canadian (CHPA R.S., c. H-3, Schedule I, Part I, Item 16), and European (2011/8/EU) laws.)

Parameter:		Bisphenol-A	
Maximum allowable limit:		--	
Test Component		Result (mg/kg (ppm))	Conclusion
Color/Component	Location		
A. Outer coating	Butterflies cup	ND	Pass
B. Outer coating	Tall floral cup	ND	Pass
C. Outer coating	Shorter floral cup	ND	Pass
D. Outer coating	Anchors floral cup	ND	Pass

mg/kg (ppm) = milligrams per kilogram (ppm = parts per million)

ND = Not detected above reporting limit of 0.1 mg/kg

LT = Less than

Tall Black Sample

AISI # 302 Stainless Steel FDA/GRAS		
ELEMENTS	REQUIRED	
C	0.15	0.0515
Mn	2.00	1.07
Si	1.00	0.575
Cr	17.0-19.0	17.93
Ni	8.00-10.00	8.45
P	0.045	0.00728
S	0.03	0.00280

* Out of specification.



Short Black Sample

AISI # 302 Stainless Steel FDA/GRAS		
ELEMENTS	REQUIRED	
C	0.15	0.0482
Mn	2.00	1.09
Si	1.00	0.521
Cr	17.0-19.0	17.72
Ni	8.00-10.00	8.66
P	0.045	0.00875
S	0.03	0.00279

* Out of specification.

Anchor Sample

AISI # 302 Stainless Steel FDA/GRAS		
ELEMENTS	REQUIRED	
C	0.15	0.0268
Mn	2.00	1.02
Si	1.00	0.614
Cr	17.0-19.0	17.64
Ni	8.00-10.00	8.88
P	0.045	0.00825
S	0.03	0.00644

* Out of specification.

Butterfly Sample

AISI # 302 Stainless Steel FDA/GRAS		
ELEMENTS	REQUIRED	
C	0.15	0.0515
Mn	2.00	1.07
Si	1.00	0.575
Cr	17.0-19.0	17.93
Ni	8.00-10.00	8.45
P	0.045	0.00728
S	0.03	0.00280

* Out of specification.



Protocol Number	TERV-TY-08001-USA-CAN-MEX		Version	8
Protocol Description	CHILDREN DRINKING EQUIPMENT AND ICE BUCKET			
Country	United States-Canada-Mexico			
Scope	This protocol is applicable to children drinking equipment and ice bucket made of plastic and silicon. As a client specification, all products are tested as children's products			
Creation Date	16/Jun/2016	Last Revision Date	02/Feb/2018	
Client Approval Date	05/FEB/2018	Approver	Jeremy Chupp	
No of Sample		US: Toys and Hardgoods (case by case for assortments): 3 CN: Toys and Hardgoods (case by case for assortments): 3 MX: Toys and Hardgoods (case by case for assortments): 2		
No of Working Days	5			

Keys				
A	Additional Charge For This Test	M	Mandatory	R Regulatory

	Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
SUPPLEMENTARY PROTOCOL						
Note: Additional cost, sample size & TAT may be required if testing to 1 or more supplemental protocol is necessary. Please refer to the below referenced supplemental protocol(s) for additional information.						
A	CPSIA requirements	CPSD-AN-PTCL-08444-USA	-	All samples shall be reviewed against the requirements of CPSIA Requirements supplemental protocol to determine if additional testing or labeling is required.	See CPSD-8444-USA	-
A M	California Proposition 65	CPSD-AN-PTCL-06572-USA	-	The sample should be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required.	See CPSD-6572-USA	-



	Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
				For samples that fall under the scope of CA Prop 65 requirements with testing limit(s) but does not contain appropriate labeling (refer to image appendix for detail), actual testing will be conducted. Otherwise, actual testing is not required and report as "Pass" if the sample contains appropriate labeling.		
A	Food Contact	CPSD-AN-PTCL-06001-USA	--	The sample shall meet the applicable requirements in CPSD-AN-PTCL-06001-USA as specified.	See CPSD-6001-USA	-
A	Packaging and Labeling Requirement	CPSD-HL-PTCL-09067-CAN-MEX-USA	-	The sample shall meet applicable packaging and labeling requirements in the supplemental protocol.	See CPSD-9067-CAN-MEX-USA	-
LABELING						
R	Illinois lead warning label	Illinois Lead Poisoning Prevention Act		[US] Product may contain the following Illinois lead warning label per client's requirement. Refer to the analytical section for details. "WARNING: CONTAINS LEAD. MAY BE HARMFUL IF EATEN OR CHEWED. COMPLIES WITH FEDERAL STANDARDS."	NA	-
	Age grading	CPSC Age Determination Guidelines / 16 CFR Part 1200	-	[US] All products shall be tested according to either the appropriate age grade, as determined by BVCPS, or the labeled age grade if it is more stringent. In the event the sample is not age labeled, BVCPS will determine the appropriate age grade and test accordingly	Label Age Grade: Not Present Appropriate Age Grade: Children Products, Over 3 Years of Age Tested Age Grade:	DATA



	Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
					Children Products, Over 3 Years of Age	
	Parts Labeling	CPSD-GB-01057-MTHD		[US, CN, MX] Parts Labeling shall match the actual content if present	NA	-
	Accuracy or adequacy of instructions	CPSD-GB-01057-MTHD	-	[US, CN, MX] Instructions shall be legible and easy to understand. Instructions shall be consistent with sample performance	NA	-
	Claim verification - level 2	CPSD-GB-08612-MTHD	-	[US, CN, MX] Examine the retail packaging (or submitted artwork). Record each objective (factual) claim which can be substantiated by the testing within the protocols and rate accordingly. Record testing that extend beyond existing net quantity / dimensional testing on this protocol. Record all other objective (factual) and subjective (opinion) claims as "NT" and rate as "DATA". Record information evaluated between the graphic imagery and the product. Record disclaimers on datasheet.		
	Flexible packaging film bags	SOR/2011-17 section 4 (Mod.)	--	[CN] The opening of the bag shall be less than 356 mm (14 inches) in circumference OR The bag shall • be made from film that is at least 0.019 mm (0.75 mil) thick, and • have printed legibly on it the following warning or equivalent in both official languages: PLASTIC BAGS CAN BE DANGEROUS. TO AVOID DANGER OF SUFFOCATION	NA	-



	Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
				KEEP THIS BAG AWAY FROM BABIES AND CHILDREN. LES SACS DE PLASTIQUE PEUVENT ÊTRE DANGEREUX. POUR ÉVITER LE DANGER DE SUFFOCATION, NE LAISSEZ PAS CE SAC À LA PORTÉE DES BÉBÉS NI DES ENFANTS. Modification : expanded scope to other products		
ANALYTICAL						
R	Heavy metal in packaging-Doc	Model Toxics in Packaging Legislation of the Toxics in Packaging Clearinghouse (TPCH) / CPSD-GB-00001-MTHD	-	[US] The sum of concentration levels of lead, cadmium, mercury and hexavalent chromium in packaging or packaging components shall not exceed 100 mg/kg (100 ppm) by weight. In lieu of testing, test report can be submitted if dated within One year.	NA	-
A R	Bisphenol A	US Various state laws (e.g. CT Public Act # 09-103 and MN Chapter 40 SF #247)/21 CFR 177.1580 / CPSD-AN-00169-MTHD	1	[US] The following products shall not contain any detectable levels of Bisphenol-A (BPA) (BV reporting limit is 0.1mg/kg): - Infant formula/ baby food plastic container, jar or can - All reusable food or beverage containers including lids (if any) - Baby bottle liners - Pacifiers - Straws "Infant formula" means a commercially available milk based or soy based powder, concentrated liquid or ready-to-feed substitute for human breast milk that is intended for infant consumption. "Baby food" means a commercially available prepared solid food consisting of a soft paste or an easily chewed food that is intended for consumption by children two years of age or younger. "Reusable food or beverage container" means a receptacle for storing food or beverages, including, but not limited to, baby bottles, spill-proof cups, sports bottles and thermoses, and excluding containers intended for disposal after initial use. Report actual results or include data table within report.	M	PASS



	Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
				<p>Note:</p> <ul style="list-style-type: none"> - Vendors shall provide documentation or a bill of materials for material identification. If they cannot provide surface coating or substrate material information, all coatings (except lacquer and paint) and applicable substrates will be tested. - Vendors shall be responsible for the compliance of all other materials. - Testing will not be conducted on food contact polycarbonate resins in infant feeding bottles (baby bottles) and spill-proof cups including their closures and lids, designed to help train babies and toddlers to drink from cups (sippy cups), because food contact polycarbonate resins are banned in these products by 21 CFR 177.1580. - Composite all colors of surface coating to perform one test. <p>Client requirement</p>		
A R	Total cadmium in surface coating	Washington Children's Safe Products Act (CSPA) – RCW Chapter 70.240.020 / CPSC-CH-E1003-09.1 (Mod) / CPSD-AN-00001-MTHD / CPSD-AN-00164-MTHD	1	<p>[US]</p> <p>All accessible surface coatings, before and after use and abuse testing, on children's product under the age of twelve shall not exceed 40 ppm (0.004 % by weight) total cadmium.</p> <p>Note:</p> <ul style="list-style-type: none"> - Limited to toys, cosmetics, jewelry, products designed or intended by the manufacturer to help a child with sucking or teething, to facilitate sleep, relaxation, or the feeding of a child, or to be worn as clothing by children, and child car seats. - Refer to CSPA Reporting Rule WAC 173-334 for the complete product list. - See RCW Chapter 70.240.010 for children's products that are exempt. - Products for children under 12 years of age that are subject to CPSIA cadmium requirements are exempt. - Composite up to 3 colors / like materials. - Individual materials will be analyzed if the composite result exceeds the adjusted limit (regulatory limit divided by the number of components). - Vendor shall be responsible for the compliance of all other materials. 	M	PASS
A R	Total cadmium in substrate	Washington Children's Safe Products Act (CSPA) – RCW	1	<p>[US]</p> <p>All accessible plastics and metals, before and after use and abuse testing, on children's product under the age of twelve shall not exceed 40 ppm (0.004 % by weight) total cadmium.</p>	M	PASS



	Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
		Chapter 70.240.020 / CPSC-CH-E1001-08.3 (Mod) / CPSC-CH-E1002-08.3 (Mod) / CPSD-AN-00185-MTHD / CPSD-AN-00196-MTHD		Note: - Limited to toys, cosmetics, jewelry, products designed or intended by the manufacturer to help a child with sucking or teething, to facilitate sleep, relaxation, or the feeding of a child, or to be worn as clothing by children, and child car seats. - Refer to CSPA Reporting Rule WAC 173-334 for the complete product list. - See RCW Chapter 70.240.010 for children's products that are exempt. - Products for children under 12 years of age that are subject to CPSIA cadmium requirements are exempt. - Composite up to 3 colors / like materials (except metals). - Individual materials will be analyzed if the composite result exceeds the adjusted limit (regulatory limit divided by the number of components). - Vendor shall be responsible for the compliance of all other materials.		
A R	Phthalates in children product	Washington Children's Safe Products Act (CSPA) – RCW Chapter 70.240.020 / CPSC-CH-C1001-09.3 (Mod) / CPSD-AN-00095-MTHD / CPSD-AN-00143-MTHD	1	[US] All accessible components, before and after use and abuse testing, on children's product under the age of twelve shall not exceed a sum of 1000 ppm (0.10% by weight) of DEHP, BBP, DBP, DINP, DNOP, DIDP. Note: - Limited to toys, cosmetics, jewelry, products designed or intended by the manufacturer to help a child with sucking or teething, to facilitate sleep, relaxation, or the feeding of a child, or to be worn as clothing by children, and child car seats. - Refer to CSPA Reporting Rule WAC 173-334 for the complete product list. - See RCW Chapter 70.240.010 for children's products that are exempt. - Products for children under 12 years of age that are subject to CPSIA phthalates requirements are exempt. - Actual testing would be conducted on all accessible plastics materials (including natural and synthetic rubber), plasticizer print, scrapable surface coatings, decals, polymeric coated materials (unscrapable), adhesives and sealants (exclude adhesive for stickers), reusable packaging, electrical plug and cables. - Vendor shall be responsible for the compliance of all other materials. - Composite up to 3 colors / like materials. - Individual materials will be analyzed if the composite result exceeds the adjusted limit (regulatory limit divided by the number of components).	M	PASS



	Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
A	Total heavy metal	Acid extraction with ICP analysis / CPSC-AN-00564-MTHD		<p>[US] APPLY TO: Products and parts of product that can be sucked, mouthed or ingested. The criteria for classification of product or parts likely to be sucked, mouthed or ingested: (1) All product parts intended to be mouthed or contact food or drink (2) Products intended for children less than 6 years of age, that is, all accessible parts and components where there is a probability that those parts and components may come into contact with the mouth.</p> <p>All accessible surface coating and substrates, before and after use and abuse testing, shall have total heavy metals content comply with the limits specified in Table 1 of the standard. [Antimony (Sb) 60 mg/kg, Arsenic (As) 25 mg/kg, Barium (Ba) 1000 mg/kg, Cadmium (Cd) 75 mg/kg, Chromium (Cr) 60 mg/kg, Lead (Pb) 90 mg/kg, Mercury (Hg) 60 mg/kg, Selenium (Se) 500 mg/kg]</p> <p>Report actual results or include data table within report. Component testing is allowed. Compositing up to 3 like colors/ materials is allowed except metal. Based on the standard, will composite up to 3 like colors/ materials except metal. If any material in the composite exceeds 80% of the limit based on the lowest weight component, soluble heavy metal content test with individual materials will be analyzed.</p> <p>Note: Test method and limit referenced ASTM F96317</p> <p>Client requirement</p>	M	PASS
A R	Total lead in surface coating	Illinois Lead Poisoning Prevention Act / CPSC-CH-E1003-09.1/ CPSC-AN-00001-MTHD	-	<p>[US] The following surface coatings shall contain less than 0.004% (40 ppm) lead or lead compounds in which the lead content is the weight of the total content or be labeled with the appropriate warning (refer to labeling section for details): All accessible surface coatings, in the as received state, on jewelry for children under 12 years of age; All accessible surface coatings, before and after use and abuse testing, on child care articles for children 6 years of age or younger, and on toys for children under 12 years</p>	M	PASS



	Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
				<p>of age.</p> <p>The warning label is not allowed for any sample with a result above the federal limit of 0.009% (90ppm).</p> <p>In case of insufficient coating for testing found on the number of samples specified in the protocol, vendor needs to provide additional samples/component parts (including raw materials) for testing. The vendor is responsible for compliance of all other products outside of the above scope.</p> <p>Report actual results or include data table within report. Component testing is allowed. Compositing is not allowed.</p>		
A R	Total lead in substrate	Illinois Lead Poisoning Prevention Act / CPSC-CH-E1001-08.3/CPSC-CH-E1002-08.3 / CPSD-AN-00185-MTHD/CPSD-AN-00196-MTHD	-	<p>[US]</p> <p>The following substrate materials shall contain less than 0.004% (40 ppm) lead or lead compounds in which the lead content is the weight of the total content or be labeled with the appropriate warning (refer to labeling section for details):</p> <p>All accessible substrate materials, in the as received state, on jewelry for children under 12 years of age; All accessible substrate materials, before and after use and abuse testing, on child care articles for children 6 years of age or younger.</p> <p>The warning label is not allowed for any sample with a result above the federal limit of 0.010% (100ppm).</p> <p>In case of insufficient material for testing found on number of samples specified in the protocol, vendor needs to provide additional samples/components/parts for testing. Materials exempted from testing under CPSIA (e.g., textiles) under 16 CFR 1500.88 and 1500.91(d) and (e) will not be tested. The vendor is responsible for compliance of all other products outside of the above scope.</p>	NA	-



	Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
				Report actual results or include data table within report. Component testing is allowed. Compositing is not allowed.		
A R	Total lead in surface coating	Canada Surface Coating Materials Regulations (SOR/2016-193) Sec.6 / CPSD-AN-00566-MTHD	--	<p>[CN] All accessible surface coatings in the as received state on following products shall not contain lead or lead components in which the lead content is in excess of 90 mg/kg (0.009%) of the weight of the total content. a. products for children, including furniture; and b. pencils and artists' brushes.</p> <p>Note: - Report actual results or include data table within report. - Component testing is allowed. - Composite up to 3 colors is allowed. If any color in the composite exceeds 80% of the limit (72 ppm), based on the lowest weight component, individual colors will be analyzed. - In case of insufficient material for testing found on number of samples specified in the protocol, vendor needs to provide components or dipped parts for testing.</p>	M	PASS
A R	Total lead in article in contact with the user's mouth	Canada Consumer Products Containing Lead (Contact with Mouth) Regulations (SOR/2010-273, 2016-171) / CPSD-AN-00461-MTHD	--	<p>[CN] Products for all ages (including adults) that have accessible surface coatings and substrates that come into contact with the user's mouth during normal use shall not contain lead or lead components in which the lead content is in excess of 90 mg/kg (0.009%) of the weight of the total content.</p> <p>Note: - Report actual results or include data table within report. - Component testing is allowed. - Composite up to 3 colors is allowed. If any color in the composite exceeds 80% of the limit (72 ppm), based on the lowest weight component, individual colors will be analyzed. - The following products are exclude: a. Kitchen utensils,</p>	M	PASS



	Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
				b. Jewelry under Children's Jewelry Regulations c. Products subject to Glazed Ceramic and Glassware Regulations. - Non-suspect materials as defined by the Consumer Products Safety Commission in 16 CFR 1500.88 and 16 CFR 1500.91 (d) and (e) will be exempted from testing. It is the vendor's responsibility to ensure compliance of these materials. - In case of insufficient material for testing found on number of samples specified in the protocol, vendor needs to provide components or dipped parts for testing.		
A R	BBP/DBP/DEHP content	Canada Phthalates Regulations (SOR/2016-188) / CPSD-AN-00095-MTHD / CPSD-AN-00143-MTHD	--	[CN] Accessible vinyl (PVC) in a toy or child care article, in the as received state, shall not contain concentration of more than 1000mg/kg (ppm) BBP, DBP or DEHP individually. Note: - Report actual results or include data table within report. - Compositing up to 3 like materials is allowed. - In case of insufficient material for testing found on number of samples specified in the protocol, vendor needs to provide components or parts for testing. - Vendor is responsible for compliance of all other types of vinyl.	NA	-
A R	DNOP/DINP/DIDP content	Canada Phthalates Regulations (SOR/2016-188) / CPSD-AN-00095-MTHD / CPSD-AN-00143-MTHD	--	[CN] Accessible vinyl (PVC) in any part of a toy or child care article, in the as received state, that can, in a reasonably foreseeable manner, be placed in the mouth of a child under 4 years of age shall not contain concentration of more than 1000mg/kg (ppm) DINP, DIDP or DnOP individually. Note: - Report actual results or include data table within report. - Compositing up to 3 like materials is allowed. - In case of insufficient material for testing found on number of samples specified in the protocol, vendor needs to provide components or parts for testing. - Vendor is responsible for compliance of all other types of vinyl.	NA	-
A	Phthalate content	Solvent extraction, GC-MS/LC-MS analysis / CPSD-		[US] Children products shall not contain concentrations of more than 0.1% BBP, DBP	M	PASS



	Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
		AN-00095-MTHD		<p>DEHP, DINP, DIDP, DnOP and DnHP individually:</p> <p>Note:</p> <ul style="list-style-type: none"> - Actual testing would be conducted on all accessible plastics materials (including natural and synthetic rubber) and surface coatings. - Composite up to 3 colors / like materials. - Individual materials will be analyzed if the composite result exceeds the adjusted limit (regulatory limit divided by the number of components). - Report actual results or include data table within report. - Component testing is allowed. <p>Client requirement</p>		
A	Identification of cellulose nitrate	Qualitative analysis and FTIR analysis / CPSD-AN-00042-MTHD		<p>[CN]</p> <p>A product that is intended for use by a child, other than a ping-pong ball, shall not be made of or impregnated with celluloid or cellulose nitrate.</p> <p>Note:</p> <ul style="list-style-type: none"> - Perform this test when the result of Cellulose nitrate is positive (Refer to Cellulose nitrate test line for detail). - Test method and limit with reference Canada Toys Regulations (SOR/2011-17) section 21 <p>Client requirement</p>	NA	-
A	Heavy metal in plastic	Acid digestion, ICP analysis / CPSD-AN-00009-MTHD		<p>[CN]</p> <p>APPLY TO : Products intended for child under 3 years old</p> <p>All accessible plastics, in the as received state, on toys that are intended for use by a child less than three years of age in learning or play, shall have soluble heavy metal contents comply with following limits:</p> <p>Antimony (Sb) 60 mg/kg, Arsenic (As) 25 mg/kg, Barium (Ba) 1000 mg/kg, Cadmium (Cd) 75 mg/kg, Chromium (Cr) 60 mg/kg, Mercury (Hg) 60 mg/kg, Selenium (Se) 500 mg/kg</p>	NA	-



	Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
				<p>Note:</p> <ul style="list-style-type: none"> - Report actual results or include data table within report. - Component testing is allowed. - Composite up to 3 colors is allowed for the total screening test. If the composite result exceeds 80% of the soluble limit (e.g., 48 ppm for antimony), based on the lowest weight component, individual materials will be analyzed by the ASTM F963 soluble method to demonstrate compliance. <p>Note : Test method and limit with reference Canada Toys Regulations (SOR/2011-17) section 27(a)</p> <p>Client requirement</p>		
PHYSICAL MECHANICAL AND ELECTRICAL HAZARD						
R	Small part	16 CFR 1501	1	<p>[US] [Products intended for children under 36 months of age] Shall not include removable, liberated components, or fragments of products before or after use and abuse that are small part.</p>	NA	-
	Small parts (Feeding products)	16 CFR 1501 (Mod)	1	<p>[US] Feeding products such as drinking glasses, dishes and eating utensils, intended for children under 36 months of age shall not include removable, liberated components or fragments of products before or after use and abuse testing that are small part. Modification: Expand scope to cover feeding products.</p>	NA	-
R	Sharp points	16 CFR 1500.48	1	<p>[US] Items intended for children under 8 years of age shall not have accessible, potentially hazardous sharp points before or after use and abuse testing.</p>	M	PASS
R	Sharp edges	16 CFR 1500.49	1	<p>[US] Items intended for children under 8 years of age shall not have accessible, potentially hazardous sharp edges before or after use and abuse testing.</p>	M	PASS
	Toys - physical and mechanical	SOR/2011-17 (Mod.)	--	<p>[CN] Shall comply with the physical and mechanical (e.g. small parts, points, edges,</p>	M	PASS



	Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
				auditory, etc...) requirements as specified in standard. Modification : expand scope to non-toy products		
FLAMMABILITY						
R	Solids - Flammability	16 CFR 1500.3(c)(6)(vi) / 16 CFR 1500.44	1	[US] Shall not exceed the maximum allowable limit of no greater than 0.1 inches per second.	M	PASS
	Cellulose nitrate	SOR/2011-17 Section 21 modified		[CN] Shall not exhibit burn characteristics associated with materials in whole or in part, made of or impregnated with Celluloid or Cellulose Nitrate. (If the result is positive, verify the presence of Celluloid or Cellulose Nitrate by "Identification of cellulose nitrate") Modification = Expanded scope to other products	M	PASS
PERFORMANCE						
	Actual use - functionality	CPSD-GB-01058-MTHD	1	[US, CN, MX] Shall function as intended. Report details of evaluation (materials used / features tested / consumables / method / etc.)	M	PASS
A	Bite test	16 CFR 1500.51(c) / 16 CFR 1500.52(c) / Client requirement	1	[US, CN, MX] Products intended for child less than 3 years old shall withstand bite force as specified by regulation with no breakage. Client requirement	NA	-
A	Dishwasher claim verification	CPSD-HL-01014-MTHD (Mod)	1	[US, CN, MX] [Product containing a dishwasher safe claim] Shall exhibit no surface degradation such as cracks, color fading, scratches, or deformation such as warping after 5 cycles. Modification: Modify the scope to product containing a dishwasher safe claim only.	NA	-
A	Microwave claim verification	CPSD-HL-01024-MTHD (Mod)	1	[US, CN, MX] [Product containing a microwave safe claim]	NA	-



	Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
				<p>Sample is placed in condition room at 59 – 86 degree F (15 – 30 degree C) for at least 2 hours before the test.</p> <p>After removing the sample from condition room.</p> <p>Filled the test item with 75% water according to different types of item.</p> <p>Microwave the sample for 5 minutes with power of the microwave at 1000 W (or equivalent energy i.e. 300 kJ.).</p> <p>Sample shall withstand test with no distortion, melting, surface deformation or staining after the test.</p> <p>For sample with handle,</p> <p>The temperature of the gripping area shall not exceed 140 degree F (60 degree C) and record the results as “Data Only.”</p> <p>Modification: Modify the scope to product containing a microwave safe claim only.</p>		
A	Freezer claim verification	CPSD-HL-01008-MTHD (Mod)	1	<p>[US, CN, MX]</p> <p>[Product containing a freezer safe claim]</p> <p>Shall have no visual changes, functionality failure, structural failure and /or permanent deformation after a 4 hour exposure in a freezer chilled to 0 deg. F.</p> <p>Modification: Modify the scope to product containing a freezer safe claim only.</p>	NA	-

IMPORTANT NOTE: The information presented under the "Criteria" of this protocol is for information only and does not replace the content of the standard. Details of the requirements should be referred to the original standards.



US use and abuse condition:

Testing Parameter	Age (Months)	Abuse Test Conditions
Drop Test	0 to \leq 18	4.5 ft (1.37 m), 10 drops
	> 18 to \leq 36	3 ft (0.91 m), 4 drops
	> 36 to \leq 96	3 ft (0.91 m), 4 drops
Torque Test	0 to \leq 18	2 in - lb (0.23 N - m)
	> 18 to \leq 6	3 in - lb (0.34 N - m)
	> 36 to \leq 96	4 in - lb (0.45 N - m)
Tension Test	0 to \leq 18	10 lb (44.5 N)
	> 18 to \leq 36	15 lb (66.8 N)
	> 36 to \leq 96	15 lb (66.8 N)
Compression Test	0 to \leq 18	20 lb (89 N)
	> 18 to \leq 36	25 lb (111.3 N)
	> 36 to \leq 96	30 lb (133.5 N)

CN use and abuse condition:

Testing Parameter	Age (Months)	Abuse Test Conditions
Drop Test	0 to \leq 36	4.5 ft (1.37 m), 4 drops
	> 36 to \leq 168	3 ft (0.91 m), 4 drops
Tension Test	0 to \leq 168	10 lb (44.5 N)

Bite test condition:

Testing Parameter	Age (Months)	Test Load
Bite Test	0 to \leq 18	25 lb (11.35 kg)
	> 18 to \leq 36	50 lb (22.74 kg)
	> 36 to \leq 96	100 lb (45.50 kg)



Protocol Number	CPSD-HL-06000-USA-3 STAR			Version	43
Protocol Description	TABLEWARE SERVING, EATING, DRINKING EQUIPMENT				
Country	United States				
Scope	Applicable to canisters and containers, tableware - ceramic and glass, tableware - metal, tableware - plastic.				
Creation Date	05/Aug/2014	Last Revision Date	06/Feb/2018		
Client Approval Date		Approver			
No of Sample	9				
No of Working Days	10				

Keys				
A	Additional Charge For This Test	M	Mandatory	R Regulatory

	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
SUPPLEMENTARY PROTOCOL								
Note: Additional cost, sample size & TAT may be required if testing to one or more supplemental protocol is necessary. Please refer to the below referenced supplemental protocol(s) for additional information.								
A M	California Proposition 65	CPSD-AN-PTCL-06572-USA	The sample should be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required. For samples that fall under the scope of CA Prop 65 requirements with testing limit(s) but does not contain appropriate labeling (refer to image appendix for detail), actual testing will be conducted. Otherwise, actual testing is not required and report as "Pass" if the sample contains appropriate labeling.	X	X	X	See CPSD-6572-USA	-
A	Food Contact	CPSD-AN-PTCL-06001-USA	The sample shall meet the applicable requirements in CPSD-AN-PTCL-06001-USA as specified.	X	X	X	See CPSD-6001-USA	-
A	Non-CPSIA	CPSD-AN-	All samples shall be reviewed against the requirements of Non-CPSIA	X	X	X	NA	-



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
	requirements	PTCL-08443-USA	Requirements supplemental protocol to determine if additional testing or labeling is required.					
A	Packaging and Labeling Requirement	CPSD-HL-PTCL-09067-CAN-MEX-USA	The sample shall meet applicable packaging and labeling requirements in the supplemental protocol.	X	X	X	See CPSD-9067-CAN-MEX-USA	-
LABELING								
	Use labeling	CPSD-GB-01057-MTHD	Use/care instructions shall be clear, concise and understandable, provide step-by-step method of use and be provided in language appropriate to destination countries. Provide a copy of the instructions in the report.		X	X	NA	-
A	Claim verification - level 1	CPSD-GB-08612-MTHD	Examine the retail packaging (or submitted artwork). Record each objective (factual) claim which can be substantiated by the testing within the protocols and rate accordingly. Any net quantity/ dimensional claims evaluated in other sections of this protocol need not be recorded. All other claims (subjective and objective) shall not be recorded or evaluated. Applicable to 1 Star only.	X			NA	-
A	Claim verification - level 2	CPSD-GB-08612-MTHD	Examine the retail packaging (or submitted artwork). Record each objective (factual) claim which can be substantiated by the testing within the protocols and rate accordingly. Record testing that extend beyond existing net quantity / dimensional testing on this protocol. Record all other objective (factual) and subjective (opinion) claims as "NT" and rate as "DATA". Record information evaluated between the graphic imagery and the product. Record disclaimers on datasheet.		X			
R	Plastic bag warning statement	US Various state laws / CPSD-GB-01073-MTHD	Plastic bags with a thickness of less than 1 mil, in which a diameter is 5 inches or greater (when formed into a circle) used as packaging or packaging article for domestic/household use (e.g. laundry bag, garbage bag) shall contain warning statement similar to below in English: WARNING: To avoid danger of suffocation, keep this bag away from babies and children. Do not use in cribs, beds, carriages or playpens. This bag is not a toy.	X	X	X	NA	-



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating										
			<p>The warnings shall be printed clearly as to prevent the ink from smearing or upon a gummed label securely attached to the bag. It shall be contrasted by typography, layout or color from the contents of the bag and from other printed matter on the bag, if any.</p> <p>If the total length and width of the bag is more than 40 inches, the warning shall be repeated at intervals of 20-inches or less.</p> <p>Except laundry bag, the font size of the warning must adhere to the chart listed below:</p> <table><tr><td>Total Length and Width of Bag</td><td>Size of Print</td></tr><tr><td>60 inches or more</td><td>At least 24 points</td></tr><tr><td>40 inches to less than 60 inches</td><td>At least 18 points</td></tr><tr><td>25 inches to less than 40 inches</td><td>At least 14 points</td></tr><tr><td>Less than 25 inches</td><td>At least 10 points</td></tr></table> <p>For laundry bag, the font size of the warning should be at least 36 points.</p>	Total Length and Width of Bag	Size of Print	60 inches or more	At least 24 points	40 inches to less than 60 inches	At least 18 points	25 inches to less than 40 inches	At least 14 points	Less than 25 inches	At least 10 points					
Total Length and Width of Bag	Size of Print																	
60 inches or more	At least 24 points																	
40 inches to less than 60 inches	At least 18 points																	
25 inches to less than 40 inches	At least 14 points																	
Less than 25 inches	At least 10 points																	
ANALYTICAL																		
A R	GRAS-Doc	FDA Generally Recognized as Safe (GRAS) Guidelines/FDA Opinion / ASTM E1086-14 / ASTM E415-17 / CPSD-GB-00001-MTHD	<p>Metal intended to come into contact with food shall meet FDA GRAS requirement. Metal composition is conducted and evaluated if it is GRAS.</p> <p>In lieu of testing and evaluation, test report can be submitted if dated within one year.</p>	X	X	X	NA No documentation provided	-										
A R	Bisphenol A	US Various state laws (e.g. CT Public Act # 09-103 and MN Chapter 40 SF	<p>The following products shall not contain any detectable levels of Bisphenol-A (BPA) (BV reporting limit is 0.1mg/kg):</p> <ul style="list-style-type: none">- Infant formula/ baby food plastic container, jar or can- All reusable food or beverage containers including lids (if any)- Baby bottle liners	X	X	X	M	PASS										



**BUREAU
VERITAS**

TERVIS TUMBLER CO
Technical Report: **(5118)149-0011R**
July 09, 2018
PAGE 31 OF 70

	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
		#247)/21 CFR 177.1580 / CPSD-AN-00169-MTHD	<ul style="list-style-type: none"> - Pacifiers - Straws <p>"Infant formula" means a commercially available milk based or soy based powder, concentrated liquid or ready-to-feed substitute for human breast milk that is intended for infant consumption.</p> <p>"Baby food" means a commercially available prepared solid food consisting of a soft paste or an easily chewed food that is intended for consumption by children two years of age or younger.</p> <p>"Reusable food or beverage container" means a receptacle for storing food or beverages, including, but not limited to, baby bottles, spill-proof cups, sports bottles and thermoses, and excluding containers intended for disposal after initial use. Report actual results or include data table within report.</p> <p>Note:</p> <ul style="list-style-type: none"> - Actual testing will be conducted on all accessible polycarbonate and epoxy resin materials only, including both coatings and substrates - Vendors shall provide documentation or a bill of materials for material identification. If they cannot provide surface coating or substrate material information, all coatings (except lacquer and paint) and applicable substrates will be tested. - Vendors shall be responsible for the compliance of all other materials. - Testing will not be conducted on food contact polycarbonate resins in infant feeding bottles (baby bottles) and spill-proof cups including their closures and lids, designed to help train babies and toddlers to drink from cups (sippy cups), because food contact polycarbonate resins are banned in these products by 21 CFR 177.1580. - Composite all colors of surface coating to perform one test. 					
FLAMMABILITY								
R	Solids - Flammability	16 CFR 1500.3(c)(6)(vi) / 16 CFR 1500.44	Shall not exceed the maximum allowable limit of no greater than 0.1 inches per second.	X	X	X	M	PASS
PHYSICAL CHARACTERISTICS								



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
	Dimensions, weight, counts - product	CPSD-GB-01056-MTHD	<p>Each dimension should be listed and measured as appropriate. Shall meet claim.</p> <ol style="list-style-type: none"> 1. Overall dimension (per product) 2. Overall weight (per product) 3. Folded dimension 4. Useful dimension (Measurement range, seated height, foot dimension) 5. Counts (Features, design, layers) 6. Material thickness (if claimed) 		X	X	<p>[A] 30oz. Stainless Tumbler Dimensions: - Claimed: Not claimed. - Recorded: (D)(H) = (3.95 in)(8 in) Weight: - Claimed: Not claimed. - Recorded: 0.8630 lb</p> <p>[B] 24oz. Stainless Water Bottle Dimensions: - Claimed: Not claimed. - Recorded: (D)(H) = (3.45 in)(8.5 in) Weight: - Claimed: Not claimed. - Recorded: 0.7754 lb</p>	DATA



TERVIS TUMBLER CO
 Technical Report: **(5118)149-0011R**
 July 09, 2018
 PAGE 33 OF 70

	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
							[C] 20oz. Stainless Tumbler Dimensions: - Claimed: Not claimed. - Recorded: (D)(H) = (3.45 in)(6.8 in) Weight: - Claimed: Not claimed. - Recorded: 0.6784 lb [D] 12oz. Stainless Cup Dimensions: - Claimed: Not claimed. - Recorded: (D)(H) = (3.75 in)(4.875 in) Weight: - Claimed: Not claimed. - Recorded: 0.4214 lb	



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
	Dimensions, weight, counts - features	CPSD-GB-01056-MTHD	<p>Each dimension should be listed and measured as appropriate. Shall meet claim.</p> <ol style="list-style-type: none"> 1. Overall dimension (per product features) 2. Overall weight (per product features) 3. Folded dimension 4. Useful dimension (Measurement range, seated height, foot dimension) 5. Others (if claimed) 			X	<p>[A] 30oz. Stainless Tumbler Dimensions: - Claimed: Not claimed. - Recorded: (D)(H) = (3.95 in)(8 in) Weight: - Claimed: Not claimed. - Recorded: 0.8630 lb</p> <p>[B] 24oz. Stainless Water Bottle Dimensions: - Claimed: Not claimed. - Recorded: (D)(H) = (3.45 in)(8.5 in) Weight: - Claimed: Not claimed. - Recorded: 0.7754 lb</p>	DATA



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
							[C] 20oz. Stainless Tumbler Dimensions: - Claimed: Not claimed. - Recorded: (D)(H) = (3.45 in)(6.8 in) Weight: - Claimed: Not claimed. - Recorded: 0.6784 lb [D] 12oz. Stainless Cup Dimensions: - Claimed: Not claimed. - Recorded: (D)(H) = (3.75 in)(4.875 in) Weight: - Claimed: Not claimed. - Recorded: 0.4214 lb	
	Parts inventory	CPSD-GB-	Shall meet label claims. All listed hardware must be provided.		X	X	NA	-



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
		01057-MTHD						
A	Plating thickness by optical microscope	ASTM B487-85 (R2013) section 7	Report actual as data only.			X	NA	-
	Capacity - volumetric	CPSD-HL-06000-MTHD	For products with markings/ graduations and measuring products, shall be as claimed (-/+5%) For products without markings/ graduations, shall be as claimed (If capacity measures up to the claimed (-5% and no upper limit), it shall be acceptable.)		X	X	M [A] 30oz. Stainless Tumbler - Claimed: 30oz. Stainless Tumbler - Recorded: 895 ml (30.2636 oz) [B] 24oz. Stainless Water Bottle - Claimed: 24oz. Stainless Water Bottle - Recorded: 728 ml (24.6166 oz) [C] 20oz. Stainless Tumbler	PASS



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
							- Claimed: 20oz. Stainless Tumbler - Recorded: 619 ml (20.9309 oz) [D] 12oz. Stainless Cup - Claimed: 12oz. Stainless Cup - Recorded: 468 ml (15.825oz)	
	Accuracy of Markings	CPSD-HL-06000-MTHD	Graduation markings shall be accurate +/- 5%.			X	NA	-
WORKMANSHIP								
	Defects and workmanship	CPSD-GB-01057-MTHD	Shall have no discernible surface degradation, including crazing, shivering, denting, bubbles, cracks, stains, deformations, chips, fractures, heavy lines, waves, shear marks, scratches, scuff marks, indentations, or blisters. Shall have no components missing, malformed, and/or fractured.		X	X	M	PASS
	Sharp point and sharp edge	16 CFR 1500.48 & 49 (Mod)	Shall have no sharp points / edges, other than those required for function. Modification: Expanded scope to other products.		X	X	M	PASS
	Level	CPSD-GB-01057-MTHD	Applicable by design - must sit level with no wobbling on a flat level surface. The top must also be level / parallel compared to the bottom.			X	M	PASS
PERFORMANCE								
	Actual use - functionality	CPSD-GB-01058-MTHD	Shall function as intended as received. Testing is limited to verification of basic function. Only function failures will be		X	X	M	PASS



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
			reported. NT rating shall be given to product that cannot be tested due to testing cannot be replicated in laboratory conditions.					
	Attachment strength	CPSD-HL-01068-MTHD	Functional: 15 lb for 10 seconds minimum Non-Functional: 8 lb for 10 seconds minimum Sequins, beads, bugles & rhinestones: 4 lb for 10 seconds minimum Note: tested by force gauge			X	NA	-
A	Resistance to corrosion	ASTM B117-16 (mod) / CPSD-HL-01010-MTHD	Shall withstand 24 hours in 1% salt spray (fog) with no noticeable oxidation / corrosion / visual changes. Modification: 1% salt spray (fog).			X	M	PASS
	Tilt resistance	CPSD-HL-01011-MTHD	Shall not tip over at 8 degree incline plane in the direction of least stability.		X	X	M	PASS
	Cycle test	CPSD-GB-01058-MTHD	All movable parts shall have no damage after 100 cycles		X	X	NA	-
A	Ease of assembly	CPSD-HL-03027-MTHD	Shall be easy to follow with assembly, use, maintenance, and safety information as required with no errors or spelling mistakes.		X	X	NA	-
	Odor	CPSD-GB-01058-MTHD	No objectionable or adverse odors		X	X	M	PASS
	Drop test	CPSD-HL-01059-MTHD	Shall withstand 3 drops from 36 in to vinyl covered concrete without damage to product.		X	X	M	PASS
	Effects of hand washing	CPSD-HL-01016-MTHD	Shall exhibit no exterior surface degradation after being hand washed 5 times using a national brand liquid detergent at peak of 110°F, followed by rinse in cold water.		X	X	M	PASS
	Dishwasher exposure	CPSD-HL-01014-MTHD	Shall exhibit no surface degradation such as cracks, color fading, scratches, or deformation such as warping after 5 cycles.		X	X	M	PASS
A	3 oz impact resistance test - glass or ceramic	CPSD-HL-01028-MTHD	Shall exhibit no cracking on the surface or breakage of material after a 3 oz ball pendulum impact from a height of 3 inches. Should be tested to: 1.The sample handle (if included) or 2.To a vertical distance of 1 in. below the rim (if no handle)			X	NA	-



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
			This test does not apply to plates and saucers, such as dish.					
	Cold exposure	CPSD-HL-01008-MTHD	Shall have no visual changes, functionality failure, structural failure and /or permanent deformation after a 4 hour exposure in a freezer chilled to 0 deg. F.		X	X	M	PASS
A	Coating adhesion test	ASTM D3359-17 (Mod) / CPSD-HL-03040-MTHD	Plating / finish must stay affixed. Minimum class 3 Cut the sample using hatch-cut or X-cut method based on thickness. Apply 1 in permacel tape to grid and evaluate if plating/ finish is intact. Modification: Expand scope to include testing on curved surface and all kind of base materials.			X	NA No coating	-
	Fit properties	CPSD-GB-01058-MTHD	Shall be seated evenly, no warpage, no leakage. If intended to fit snugly test with full contents and tip upside down. Lid shall not fall off.		X	X	NA	-
	Effects of heat	CPSD-HL-01009-MTHD	Shall have no visual changes, functionality failure, structural failure and /or permanent deformation on the sample after heating at 120 °F for 4 hours or 350 °F for 4 hours if claimed oven safe. Note: Follow claimed temperature for heat resistance claims.		X	X	M	PASS
	Stain resistance	CPSD-HL-01015-MTHD	Expose sample for 2 hours contact with following soiling materials: Ketchup, mustard, spaghetti sauce, coffee, grape juice, malt vinegar, BBQ sauce, cooking oil, red wine. Clean as appropriate (dishwasher or hand wash). Leave to stand for 24 hours. No stain or soiling shall be visible after testing Report the washing method.			X	The butterfly sample was stained by Mustard. See exhibit.	DATA
	Leak resistance	CPSD-GB-01058-MTHD	Shall be no leakage or seepage when filled with water up to 8 hours.		X	X	M	PASS
	Microwave exposure	CPSD-HL-01024-MTHD	Microwave the sample for 5 minutes with power of the microwave at 1000 W (or equivalent energy i.e. 300 kJ.). Sample shall withstand test with no distortion, melting, surface deformation or staining after the test.		X	X	NA	-
	Surface scratching	CPSD-HL-01055-MTHD	Slide the sample 6 in. (± 1/4 in) forward, in the most unfavorable orientation to make the worst effect, at a rate of approximately 1 in/s and then repeat in reverse direction. Apply force as close to the base of the sample as possible to maintain contact between the sample base and the test surface during sliding. Repeat for a total of 3 cycles over the same area. 1 cycle include a 6 inch forward			X	M All styles	PASS



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
			and backward movement. Shall not have scratching or gouging .					
	Thermal retention	CPSD-HL-06006-MTHD	The temperature is taken between the initial and after specified time duration. Method and volume used, initial temperature, after temperature and test duration is reported as data only.			X	NA No lid provided	-
	Operates safely	CPSD-GB-01058-MTHD	5 cycles of use. Test fails if any part of operation is unsafe.		X	X	M	PASS
	Effects of boiling water	CPSD-HL-01013-MTHD	Shall withstand 2 hours of boiling water with no change or adverse effects.			X	The tall and short flower samples had damage to the plastic sleeve. See exhibit.	DATA
A	Pitcher flow control	CPSD-GB-01058-MTHD	Shall not allow passage of fluid when in closed position after open / close 1,000 cycles; shall function as intended when open.			X	NA	-
	Stem strength	CPSD-GB-01058-MTHD	No breaking when 10 lb static load is attached to the base of stem for 1 minute. Secure the 10 lb weight to the base of stem. Suspend the cup with a cord.			X	NA	-
	Resistance to alcohol	CPSD-GB-01058-MTHD	No change from original, if printed no loss of color after sitting in alcohol (Vodka) for 5 minutes.			X	M	PASS
	Thermal shock	ASTM F2179-14 sec 4.2.1 / ASTM C149-14 (Mod)	Shall not crack or break after tested per below - prepare cold-water bath temperature based on the available tap water temperature, - prepare hot bath at temperature hotter than cold bath by 50 ± 1.1 °C (90 ± 2 °F) - immerse the sample completely in hot water bath and allow to soak for 5 min \pm 10 s. - transfer the sample to the cold bath, and immerse for 30 s, - remove the sample from the cold bath. Note: - the water retained in the container from the first immersion through the second immersion - the time of transfer from the hot to cold bath shall be 15 ± 1 s Modification = available tap water temperature instead of 21°C	X	X	X	M	PASS



TERVIS TUMBLER CO
 Technical Report: **(5118)149-0011R**
 July 09, 2018
 PAGE 41 OF 70

	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
	Effectiveness of annealing	ASTM F2179-14 Sec. 4.1 (Mod) / CPSD-HL-09404-MTHD	With a Tungsten Carbide scribe, scratch once around the inside knuckle of the article. Then scratch an "X" across the entire inside bottom surface of the article. All scratches are to be made using sufficient pressure to penetrate the surface of the glass. Fill each article with water at the same room temperature as the glass. Wait 15 minutes, then empty the water and examine each piece for fractures. Report the number of fractures, if any, for each test. Modification: expanded scope to other products.			X	NA	-
A	Moisture content	CPSD-HL-01063-MTHD	[For wood items only] Shall be between 8%-12%. Report the actual value.			X	NA	-
	Handle strength - loaded	CPSD-HL-01027-MTHD	Shall not exhibit permanent structural deformation and or loosening of handle when lifted for 1 minute after being loaded with 2 times the volume capacity weight.		X	X	NA	-



Protocol Number	CPSD-AN-06001-USA-3 STAR			Version	12
Protocol Description	FOOD CONTACT ARTICLE				
Country	United States				
Scope	This protocol covers the food grade tests for articles intended to contact with food and beverage.				
Creation Date	29/Apr/2014	Last Revision Date	05/May/2017		
Client Approval Date		Approver			
No of Sample		Please refer to supplemental protocols.			
No of Carton for Transit Test		Please refer to supplemental protocols.			
No of Working Days		Please refer to supplemental protocols.			

Keys				
A	Additional Charge For This Test	M	Mandatory	R Regulatory

	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Results	Rating
SUPPLEMENTARY PROTOCOL								
A	Plastic	CPSD-AN-PTCL-06001.01-USA	Shall meet the applicable requirements in CPSD-AN-PTCL-06001.01-USA as specified.	X	X	X	NA	-
A	Paper and paperboard	CPSD-AN-PTCL-06001.02-USA	Shall meet the applicable requirements in CPSD-AN-PTCL-06001.02-USA as specified.	X	X	X	NA	-
A	Ceramic, porcelain, glass	CPSD-AN-PTCL-06001.03-USA	Shall meet the applicable requirements in CPSD-AN-PTCL-06001.03-USA as specified.	X	X	X	NA	-
A	Wood	CPSD-AN-PTCL-06001.04-USA	Shall meet the applicable requirements in CPSD-AN-PTCL-06001.04-USA as specified.	X	X	X	NA	-
A	Metal, metal alloy and enamel	CPSD-AN-PTCL-06001.05-USA	Shall meet the applicable requirements in CPSD-AN-PTCL-06001.05-USA as specified.	X	X	X	See CPSD-6001.05-	-



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Results	Rating
							USA	
ANALYTICAL								
A R	GRAS in non-metal material-Doc	21 CFR 170-189 FDA Generally Recognized as Safe (GRAS) Guidelines/FDA Opinion / CPSD-AN-G00007-STIP01 / CPSD-AN-G00007-STIP02 / CPSD-GB-00001-STIP03	Non-metal material intended to come into contact with food shall meet FDA GRAS requirement. All additives in that material, such as glue shall also meet FDA GRAS requirement. Client shall provide the documentation with material bill or composition for material identification. It is acceptable for the client to submit either a FDA approval letter or, if there is information from FDA showing the material is acceptable, a guarantee letter indicating the material is the only food grade material used in the manufacturing process can also be accepted.	X	X	X	NA	-
A R	Scrapable coatings on food contact areas	21 CFR 170-189 FDA Generally Recognized as Safe (GRAS) Guidelines / CPSD-AN-G00007-STIP02 / CPSD-AN-00002-STIP01	Scrapable coatings on the food contact area are prohibited. This includes all food contact products, including glass, plastic, metal, ceramic and wood. Excludes resinous and polymeric coatings that comply with 21 CFR 175.300.	X	X	X	NA	-
A R	Toxicological risk assessment in liquid and gel	16 CFR 1500.3(b)(5) and 1500.3(b)(7)-(9) / CPSD-AN-00033-MTHD	Sealed liquids and gels in food contact components or products that have the potential to accidentally leak into food or drinks, must not be toxic, skin irritant, eye irritant, corrosive, or a strong sensitizer. Toxicity risk assessment shall be conducted to substantiate the compliance of the regulation. Note: Products including but not limited to double walled cups and reusable ice cubes.	X	X	X	NA	-



Protocol Number	CPSD-AN-06001.05-USA-ALL STARS			Version	25
Protocol Description	METAL METAL ALLOY ENAMEL FOOD CONTACT ARTICLE				
Country	United States				
Scope	This protocol covers the food grade tests for articles, which are made of metal, metal alloy and enamel, intended to contact with food and beverage.				
Creation Date	12/Feb/2010	Last Revision Date	11/Dec/2017		
Client Approval Date		Approver			
No of Sample	1	Additional 2 pcs for GRAS evaluation. Additional 6 pcs for extractable lead and cadmium in silver plated hollowware/tableware. Additional sample may be requested if insufficient.			
No of Working Days	7	TAT: 12 day for GRAS evaluation			

Keys				
A	Additional Charge For This Test	M	Mandatory	R Regulatory

	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
SUPPLEMENTARY PROTOCOL								
A M	California Proposition 65	CPSD-AN-PTCL-06572-USA	The sample should be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required. For samples that fall under the scope of CA Prop 65 requirements with testing limit(s) but does not contain appropriate labeling (refer to image appendix for detail), actual testing will be conducted. Otherwise, actual testing is not required and report as "Pass" if the sample contains appropriate labeling.	X	X	X	See CPSD-6572-USA	-
LABELING								
A R	Tableware marking	California health and safety code section 108870	All tableware items distributed in the State of California with lead or cadmium intentionally added or which are unintentionally contaminated must be permanently and indelibly marked with the name, or if the item is too small, a registered trademark,	X	X	X	NA	-



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
			<p>of the manufacturer or importer.</p> <p>Tableware is defined as glazed ceramic, enamel metalware, or pewter article, container, or utensil which may be used in the preparation, serving, or storage of food or drink.</p> <p>Note:</p> <ul style="list-style-type: none"> - Tableware with lead or cadmium detected in the interior test (refer results of extractable lead and cadmium in tableware test line) must be labeled. - The marking is not required if lead and cadmium are not detected. - Results from the lip and rim extraction test and the exterior decoration test are not evaluated for this marking requirement. 					
ANALYTICAL								
A R	Extractable lead and cadmium in silver plated hollowware	FDA CPG 7117.05 and 7117.06 / AOAC 973.32 (2007) / CPSD-AN-00012-MTHD	<p>Silver plated articles shall not contain extractable lead (Pb) and cadmium (Cd) exceed the following limits:</p> <p>Cadmium (Cd):</p> <p>0.25 ppm (mg/L) (Any one of 6 units for Large hollowware)</p> <p>0.5 ppm (mg/L) (Any one of 6 units for Small hollowware/Cups/Mugs)</p> <p>0.5 ppm (mg/L) (Average of 6 units for Flatware)</p> <p>Lead (Pb):</p> <p>7.0 ppm (mg/L) (Average of 6 units for article intended for use by adult)</p> <p>0.5 ppm (mg/L) (Any one of 6 units for article intended for use by infants and children)</p> <p>Note:</p> <ul style="list-style-type: none"> - Test only food contact surfaces intended to hold liquid. No test is required for spoon and fork. - Cadmium (Cd) limit in pitchers refer to the limit of small or large hollowware. - Cadmium (Cd) limits are with reference to CPG 7117.06. 	X	X	X	NA	-
A R	Lead in pewter alloy	FDA Food Code 2013 4-101.13(B) / CPSD-AN-00007-MTHD	Shall not exceed 0.05% in food contact surfaces.	X	X	X	NA	-
A R	Lead in solder and flux	FDA Food Code 2013 4-101.13	Shall not exceed 0.2% in food contact surfaces.	X	X	X	NA	-



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
		(C) / CPSD-AN-00007-MTHD						
A R	GRAS evaluation	FDA Generally Recognized as Safe (GRAS) Guidelines/FDA Opinion / ASTM E1086-14 / ASTM E415-17 / CPSD-GB-00003-MTHD / CPSD-AN-00295-MTHD	Metal intended to come into contact with food shall meet FDA GRAS requirement. Metal composition is conducted and evaluated if it is GRAS.	X	X	X	M	PASS
A R	Extractable lead and cadmium in tableware	California health and safety code section 108860 / AOAC 973.32 (2007) / ASTM C738-94(R2016) / CPSD-AN-00011-MTHD	Enamel metalware or pewter articles shall not contain extractable lead (Pb) and cadmium (Cd) exceed the following limits: Cadmium (Cd): 0.25 ppm (mg/L) (Any one of 6 units for Large hollowware) 0.5 ppm (mg/L) (Any one of 6 units for Small hollowware/Cups/Mugs) 0.5 ppm (mg/L) (Average of 6 units for Flatware) Lead (Pb): 1.0 ppm (mg/L) (Any one of 6 units for Large hollowware) 2.0 ppm (mg/L) (Any one of 6 units for Small hollowware) 0.5 ppm (mg/L) (Any one of 6 units for Cups/Mugs/Pitchers) 3.0 ppm (mg/L) (Average of 6 units for Flatware) Note: - Conduct test on all food contact surfaces. - Cadmium (Cd) limit in pitchers refer to the limit of small or large hollowware.	X	X	X	NA	-



Note 1:

According to FDA 2013 Food Code,

- a. 4-101.12, Cast Iron may not be used for utensils or food contact surfaces of equipment except it may be used as a surface for cooking or used in utensils for serving food if the utensils are used only as part of an uninterrupted process from cooking through service.
- b. 4-101.14, Copper and copper alloys such as brass may not be used in contact with food that has a pH below 6 such as vinegar, fruit juice, or wine or for a fitting or tubing installed between a backflow prevention device and a carbonator. It may be used in contact with beer brewing ingredients that have a pH below 6 in the prefermentation and fermentation steps of a beer brewing operation such as a brewpub or microbrewery.
- c. 4-101.15, Galvanized metal may not be used for utensils or food contact surfaces of equipment that are used in contact with acidic food.
- d. 4-101.18, Nonstick coating, kitchenware such as frying pans, griddles, sauce pans, cookie sheets and waffle bakers that have a perfluorocarbon resin coating shall be used with nonscoring or nonscratching utensils and cleaning aids.



Protocol Number	CPSD-AN-06572-USA			Version	100
Protocol Description	CALIFORNIA PROPOSITION 65				
Country	United States				
Scope	This protocol covers the California Proposition 65 requirements and warning statements for specific products, from various Consent Decrees of the State of California.				
Creation Date	29/Apr/2014	Last Revision Date	07/May/2018		
Client Approval Date		Approver			
No of Sample	6	See below pricing chart for exceptions			
No of Carton for Transit Test	1				
No of Working Days	7	20 (subcontracted out tests)			

Keys				
A	Additional Charge For This Test	M	Mandatory	R Regulatory

	Evaluation	Citation / Method	Criteria	Results	Rating
ANALYTICAL					
1) Please notify Bureau Veritas if you have any settlements that are different from the requirements listed below. 2) Actual testing will be conducted on substrates only, except specified in test line. 3) Actual testing will be conducted on accessible parts only, except specified in test line or refer to CPSD-AN-00108-STIP03-FUNCTIONAL BARRIER & ACCESSIBLE SUBSTRATE CA PROP 65. 4) The requirements listed below do not involve composite testing (except specified in test line), and if you want to have compositing, please notify Bureau Veritas to test to CPSD-AN-PTCL-06572.01-US-CALIFORNIA PROPOSITION 65 protocol.					
A	41 Lead and cadmium on food/beverage product-exterior	San Francisco Superior Court CGC-04-436429 / NIOSH method 9100 modified/EPA 3050B modified / CPSD-AN-00108-MTHD	[Plastic and Metallic Ware Food and Beverage Use Products] Plastic and metallic ware food and beverage use product with exterior decoration shall comply one of the following requirements: a. Without decoration in the lip and rim area, the exterior surface shall produce a result of 1.0 micrograms or less lead and 8.0 micrograms or less cadmium, in Ghost Wipe™ test, or	M	PASS



TERVIS TUMBLER CO
Technical Report: **(5118)149-0011R**
July 09, 2018
PAGE 49 OF 70

	Evaluation	Citation / Method	Criteria	Results	Rating
			<p>b. With decoration in the lip and rim area, all colored markings shall contain 600 ppm (0.06%) or less total lead and 4800 ppm (0.48%) or less total cadmium. Products exceed either the limit shall utilize a warning statement. Please reference to image appendix for labeling requirement and the warning statement. Note:</p> <ul style="list-style-type: none">- For requirement (a), compositing is not allowed.- For requirement (b), composite up to 3 colors is allowed if component is test together with CPSIA, transfer the CPSIA lead result here for compliance.- Applicable to plastic or metallic product intended to come in contact with food or liquid, including plastic, resin, vacuum metalizing, dolomite and metal beverage containers, except cookware.- Decorations include color on top of the base material.		



Protocol Number	CPSD-AN-08444-USA		Version	30
Protocol Description	CPSIA REQUIREMENTS SUPPLEMENT			
Country	United States			
Scope	This protocol applies to toys, children products and child care article as defined by CPSIA, all furniture, including adult furniture, and household paint.			
Creation Date	29/Apr/2014	Last Revision Date	19/Apr/2018	
Client Approval Date		Approver		
No of Sample	6			
No of Working Days	7			

Keys				
A	Additional Charge For This Test	M	Mandatory	R Regulatory

	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
LABELING								
R	Tracking label for children's products	CPSIA 103	A permanent and distinguishing mark or code on the product and its packaging, to the extent practicable, allows the manufacturer and purchaser to ascertain the name of the manufacturer or private labeler, location and date of production of the product. Verified the presence only. The accuracy of tracking label will not be verified. Note: Manufacturer or Private Labeler name can not be coded.	X	X	X	M	PASS
A R	Registration for durable nursery product	CPSIA Sec. 104(d) / 16 CFR 1130	Consumer registration requirement: Required to provide consumers with a postage-paid consumer registration form with each such product and to permanently place the manufacturer name and contact information, model name and number, and the date of manufacture on each durable infant or toddler product. Requirements for registration form: The registration form shall (A) include spaces for a consumer to provide the consumer's name, address,	X	X	X	NA	-



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
			<p>telephone number, and e-mail address;</p> <p>(B) include space sufficiently large to permit easy, legible recording of all desired information;</p> <p>(C) be attached to the surface of each durable infant or toddler product so that, as a practical matter, the consumer must notice and handle the form after purchasing the product;</p> <p>(D) include the manufacturer's name, model name and number for the product, and the date of manufacture;</p> <p>(E) include a message explaining the purpose of the registration and designed to encourage consumers to complete the registration;</p> <p>(F) include an option for consumers to register through the Internet; and</p> <p>(G) include a statement that information provided by the consumer shall not be used for any purpose other than to facilitate a recall of or safety alert regarding that product.</p> <p>"Durable infant or toddler product" means full-size cribs and nonfull-size cribs, toddler beds, high chairs, booster chairs, hook-on chairs, bath seats, gates and other enclosures for confining a child, play yards, stationary activity centers, infant carriers, strollers, walkers, swings, bassinets and cradles, children's folding chairs, changing tables, bouncers, infant bath tubs, bed rails and infant sling.</p>					
ANALYTICAL								
A R	Total lead in surface coating	16 CFR 1303/Consumer Product Safety Improvement Act of 2008 / CPSC-CH-E1003-09.1 / CPSC-AN-00001-MTHD	<p>All accessible surface coatings, before and after use and abuse testing, on items intended for children ages 12 and under shall not contain lead or lead components in which the lead content is in excess of 0.009% (90ppm) of the weight of the total content.</p> <p>In case of insufficient coating for testing found on number of samples specified in the protocol, vendor needs to provide additional component parts (including raw materials) for testing.</p> <p>Report actual results or include data table within report.</p> <p>Issue a third party test report.</p> <p>Component testing is allowed.</p> <p>Based on CPSC SOP, will composite up to 3 colors. If any color in the composite exceeds 80% of the limit (72 ppm), based on the lowest weight component,</p>	X	X	X	M	PASS



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
			individual colors will be analyzed.					
A R	Total lead in surface coating	16 CFR 1303/Consumer Product Safety Improvement Act of 2008 / CPSC-CH-E1003-09.1 / CPSD-AN-00001-MTHD	All accessible surface coatings in the assembled state on adult furniture [exempt factory applied coatings on metal components/parts] and household paint shall not contain lead or lead components in which the lead content is in exceed of 0.009% (90ppm) of the weight of the total content. In case of insufficient coating for testing found on number of samples specified in the protocol, vendor needs to provide dipped parts or components/parts for testing. Report actual results or include data table within report. Issue a program audit report. Component testing is allowed. Based on CPSC SOP, will composite up to 3 colors. If any color in the composite exceeds 80% of the limit (72 ppm), based on the lowest weight component, individual colors will be analyzed.	X	X	X	NA	-
A R	Total lead in substrate	Consumer Product Safety Improvement Act of 2008 / CPSC-CH-E1001-08.3/CPSC-CH-E1002-08.3 / CPSD-AN-00185-MTHD/CPSD-AN-00196-MTHD	All accessible substrates, before and after use and abuse testing, on items intended for children ages 12 and under shall not contain lead in excess of 0.01% (100ppm) of the weight of the total content. In case of insufficient material for testing found on number of samples specified in the protocol, vendor needs to provide components/parts for testing. Report actual results or include data table within report. Issue a third party test report. Component testing is allowed. Compositing up to 3 like materials is allowed except metal.	X	X	X	M	PASS
A R	Total lead in children metal jewelry	Consumer Product Safety Improvement Act of 2008 / CPSC-CH-E1001-08.3 / CPSD-AN-00185-MTHD	Any accessible metal component of jewelry intended for children ages 12 and under shall not contain lead in excess of 0.01% (100ppm) of the weight of the total content. Report actual results or include data table within report Issue a third party test report Component testing is allowed Compositing is not allowed	X	X	X	NA	-
A	Phthalates	16 CFR 1307 /	Children's toys and childcare articles, before and after use and abuse testing, shall	X	X	X	NA	-



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
R	content	CPSC-CH-C1001-09.3 (Mod) / CPSC-CH-C1001-09.4 (Mod) / CPSD-AN-00143-MTHD	<p>not contain concentrations of more than 0.1% BBP, DBP, DEHP, DINP, DIBP, DPENP(=DnPP), DHEXP(=DnHP) or DCHP individually.</p> <p>Actual testing would be conducted on all accessible plastics materials (including natural and synthetic rubber) (excluding materials listed below), plasticizer print, scrapable surface coatings, decals, polymeric coated materials (unscrapable), adhesives and sealants (exclude adhesive for stickers), toy nail polish, reusable packaging, electrical plug and cables.</p> <p>Polypropylene (PP), polyethylene (PE), acrylonitrile butadiene styrene (ABS), general purpose polystyrene (GPPS), medium-impact polystyrene (MIPS), high-impact polystyrene (HIPS), and super high-impact polystyrene (SHIPS), and their additives as listed in 16 CFR 1308 are exempt from testing, however, they are not exempt from compliance or certification.</p> <p>If material identification is not provided, phthalate testing will be conducted on all plastic materials.</p> <p>Vendor shall be responsible for the compliance of all other accessible materials, including additives in the exempt plastic materials.</p> <p>In case of insufficient material for testing found on number of samples specified in the protocol, vendor needs to provide components/parts for testing.</p> <p>Report actual results or include data table within report.</p> <p>Component testing is allowed.</p> <p>Compositing up to 3 like materials is allowed.</p> <p>Product manufactured and imported as of April 25, 2018 must comply.</p>					

IMPORTANT NOTE: The information presented under the "Criteria" of this protocol is for information only and does not replace the content of the standard. Details of the requirements should be referred to the original standards.



Protocol Number	CPSD-HL-09067-CAN-MEX-USA-3 STAR			Version	22
Protocol Description	PACKAGING AND LABELING REQUIREMENTS				
Country	Canada-Mexico-United States				
Scope	This protocol is applicable to sample with packaging or the sample require labeling				
Creation Date	29/Apr/0014	Last Revision Date	09/May/2018		
Client Approval Date		Approver			
No of Sample	3				
No of Carton for Transit Test	1				
No of Working Days	10				

Keys				
A	Additional Charge For This Test	M	Mandatory	R Regulatory

	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
LABELING								
NOTE: Font size requirements will not evaluated based on a PDF, photo, or printout of artwork. Final retail packaging is required for font size evaluation.								
R	US Packaging labeling	F.P. and L. Act (16 CFR 500) OR NIST Uniform Laws and Regulations Handbook 130	Packaging shall be labelled with the following, Product Identification Net quantity of contents shall be expressed in terms of weight or mass, measure, numerical count, or combination so as to give accurate information to facilitate consumer comparison (U.S. and metric units) Manufacturer, packer, or distributor's name & address (City, State & Zip Code)	X	X	X	M	PASS
R	Country of origin marking	19 CFR 134	Shall indicate country of origin legibly, permanently, and in comparable size and close proximity to any mention of country other than country in which the article was manufactured or produced. Must be visible at point of purchase.	X	X	X	M	PASS
A	EPA TSCA title	40 CFR 770	If wood of any type is present in the sample, submitter shall provide a completed and	X	X	X	NA	-



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
R	VI-Composite wood-Declaration form and mill certification		<p>signed Sample Declaration Form. Sections A, B, and E of the Sample Declaration Form must always be completed.</p> <ul style="list-style-type: none"> · If regulated composite wood is not present in the sample, result is N/A. · If regulated composite wood is present in the sample: <ul style="list-style-type: none"> - Section D of the Sample Declaration Form must also be completed - Submitter shall provide a copy of the certificate issued by the Third Party Certifier (TPC) for the mill(s) from which the raw panels were purchased - All information on the certificate shall be consistent with the Sample Declaration Form <p>Notes:</p> <ul style="list-style-type: none"> · Include a copy of the Sample Declaration Form in the report · Regulated composite wood includes: <ul style="list-style-type: none"> - Hardwood plywood (HWPW) - Medium-density fiberboard (MDF) - Thin medium-density fiberboard (Thin MDF) - Particleboard (PB) · Mill certificate that denotes compliance with CARB's ATCM for formaldehyde will be accepted in lieu of a certificate denoting compliance with TSCA Title VI until March 22, 2019 · Rating Schedule: <ul style="list-style-type: none"> - On or before May 31, 2018: Compliant submission shall be rated as pass Non-compliant submission shall be rated as data - On or after June 1, 2018: Compliant submission shall be rated as pass Non-compliant submission shall be rated as fail 					
A R	EPA TSCA Title VI-Composite wood-Finished good labeling	40 CFR 770.45(c) & (e)	<p>Finished goods containing regulated composite wood shall comply with the labeling requirements found in 40 CFR 770.45(c) unless the finished good qualifies for the <i>de minimis</i> exception found in 40 CFR 770.45(e).</p> <ul style="list-style-type: none"> · A finished good does not require labeling per 40 CFR 770.45(c) if the finished good does qualify for the <i>de minimis</i> exception in 40 CFR 770.45(e). If the finished 	X	X	X	NA	-



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
			<p>good does qualify for the <i>de minimis</i> exception, result is N/A.</p> <ul style="list-style-type: none"> A finished good does require labeling per 40 CFR 770.45(c) if the finished good does not qualify for the <i>de minimis</i> exception in 40 CFR 770.45(e). <ul style="list-style-type: none"> At a minimum, the label must be on the product OR the packaging The label may be applied as a stamp, tag, or sticker The label shall include, at a minimum, in legible English text: <ol style="list-style-type: none"> Fabricator's name Date the finished good was produced (in month/year format) A statement of compliance to denote that the finished good complies with TSCA Title VI <p>Example: XXX Company MM/YYYY EPA TSCA Title VI compliant for formaldehyde</p> <p>Notes:</p> <ul style="list-style-type: none"> A <i>de minimis</i> amount of regulated composite wood is defined as regulated composite wood content not exceeding 144 square inches, based on the surface area of the largest face of the finished good. The <i>de minimis</i> exception is not available to finished goods or component parts that are designed to be used in combination or in multiples to create larger surfaces, finished goods, or component parts. When a statement of compliance is necessary, a statement of compliance that denotes the finished good complies with CARB's ATCM for formaldehyde will be accepted in lieu of a TSCA Title VI compliance statement until March 22, 2019. Rating Schedule: <ul style="list-style-type: none"> On or before May 31, 2018: Compliant submission shall be rated as pass Non-compliant submission shall be rated as data On or after June 1, 2018: 					



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
			Compliant submission shall be rated as pass Non-compliant submission shall be rated as fail					
A R	EPA TSCA Title VI—Composite wood—Raw panel labeling	40 CFR 770.45(a)	<p>Panels or bundles of panels must be labeled with the following:</p> <ul style="list-style-type: none"> - The panel producer's name - The lot number - The number of the EPA TSCA Title VI Third Party Certifier (TPC) - A statement of compliance to denote that the panels comply with TSCA Title VI <p>Notes:</p> <ul style="list-style-type: none"> - A panel producer number may be used instead of a name to protect identity - Raw panels are regulated composite wood products that have not been used to create a finished good - Compliance with CARB's ATCM for formaldehyde will be accepted in lieu of TSCA Title VI until March 22, 2019. - Rating Schedule: <ul style="list-style-type: none"> - On or before May 31, 2018: Compliant submission shall be rated as pass Non-compliant submission shall be rated as data - On or after June 1, 2018: Compliant submission shall be rated as pass Non-compliant submission shall be rated as data 	X	X	X	NA	-
A R	CARB—Composite wood—Declaration form and mill certificate	Title 17, CA Code of Regulations §93120	<p>If wood of any type is present in the sample, submitter shall provide a completed and signed Sample Declaration Form. Sections A, C, and E of the Sample Declaration Form must always be completed.</p> <ul style="list-style-type: none"> - If regulated composite wood is not present in the sample, result is N/A. - If regulated composite wood is present in the sample: <ul style="list-style-type: none"> - Section D of the Sample Declaration Form must also be completed - Submitter shall provide a copy of the certificate issued by the Third Party Certifier (TPC) for the mill(s) from which the raw panels were purchased - All information on the certificate shall be consistent with the Sample Declaration Form 	X	X	X	NA	-



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
			Notes: <ul style="list-style-type: none"> Include a copy of the Sample Declaration Form in the report Regulated composite wood includes: <ul style="list-style-type: none"> Hardwood plywood (HWPW) Medium-density fiberboard (MDF) Thin medium-density fiberboard (Thin MDF) Particleboard (PB) 					
A R	CARB– Composite wood-Finished good labeling	Title 17, CA Code of Regulations §93120.7(d)	<p>Finished goods containing regulated composite wood shall comply with the labeling requirements for fabricators found in §93120.7(d).</p> <ul style="list-style-type: none"> A finished good containing regulated composite wood requires the following: <ul style="list-style-type: none"> At a minimum, the label must be on the product OR the packaging The label shall be applied as a stamp, tag, sticker, or bar code The label shall include, at a minimum: <ol style="list-style-type: none"> Fabricator's name Date the finished good was produced (in month/year format) A statement of compliance to denote that the finished good complies with the ATCM <p>Example: XXX Company MM/YYYY California 93120 phase 2 compliant for formaldehyde</p> Notes: <ul style="list-style-type: none"> If a finished good is labeled with the EPA compliance statement, a separate statement of compliance to the CARB ATCM is not required. It is not required for the label to state the level of emissions (Phase 2, NAF, ULEF). <p>Labels for finished goods should not include the number of the TPC associated with the composite wood products contained in the finished good.</p>	X	X	X	NA	-



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating				
A R	CARB– Composite wood-Raw panel labeling	Title 17, CA Code of Regulations §93120.3(e)	<ul style="list-style-type: none">· Panels or bundles of panels must be labeled with the following:<ul style="list-style-type: none">- The panel producer's name- The lot number- The number of the Third Party Certifier (TPC)- A statement of compliance to denote that the panels comply with the ATCM <p>Notes:</p> <ul style="list-style-type: none">· If a panel or bundle of panels is labeled with the EPA compliance statement, a separate statement of compliance to the CARB ATCM is not required.· A panel producer number may be used instead of a name to protect identity· The TPC number is not required for panel producers using no-added formaldehyde-based (NAF) resins or ultra low-emitting formaldehyde (ULEF) resins· Raw panels are composite wood products that have not been used to create a finished good	X	X	X	NA	-				
R	Plastic bag warning statement	US Various state laws / CPSD- GB-01073- MTHD	<p>Plastic bags with a thickness of less than 1 mil, in which a diameter is 5 inches or greater (when formed into a circle) used as packaging or packaging article for domestic/household use (e.g. laundry bag, garbage bag) shall contain warning statement similar to below in English: WARNING: To avoid danger of suffocation, keep this bag away from babies and children. Do not use in cribs, beds, carriages or playpens. This bag is not a toy. The warnings shall be printed clearly as to prevent the ink from smearing or upon a gummed label securely attached to the bag. It shall be contrasted by typography, layout or color from the contents of the bag and from other printed matter on the bag, if any. If the total length and width of the bag is more than 40 inches, the warning shall be repeated at intervals of 20-inches or less. Except laundry bag, the font size of the warning must adhere to the chart listed below:</p> <table><tr><td>Total Length and Width of Bag</td><td>Size of Print</td></tr><tr><td>60 inches or more</td><td>At least 24 points</td></tr></table>	Total Length and Width of Bag	Size of Print	60 inches or more	At least 24 points	X	X	X	NA	-
Total Length and Width of Bag	Size of Print											
60 inches or more	At least 24 points											

	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating												
			40 inches to less than 60 inches At least 18 points 25 inches to less than 40 inches At least 14 points Less than 25 inches At least 10 points For laundry bag, the font size of the warning should be at least 36 points.																	
R	Canada consumer packaging and labeling regulations	The Consumer Packaging and Labeling Act, R.S. 1985, c. C-38 and Regulations, C.R.C., c. 417	Packaging shall be labelled with the following: Product Identification shall be English and French, on PDP with 1.6mm minimum type size. Product Net Quantity: Declaration must be in English and French, metric units, on PDP, type size based on PDP size <table><tr><td>Principal Display Panel</td><td>Minimum Type</td></tr><tr><td>< 32 cm² (5 ln²)</td><td>1.6 mm (1/16 ln)</td></tr><tr><td>> 32 cm² but < 258 cm² (40 ln²)</td><td>3.2 mm (1/8 ln)</td></tr><tr><td>> 258 cm² but < 645 cm² (100 ln²)</td><td>6.4 mm (1/4 ln)</td></tr><tr><td>> 645 cm² but < 25.8 dm² (400 ln²)</td><td>9.5 mm (3/8 ln)</td></tr><tr><td>> 25.8 dm² (400 ln²)</td><td>12.7 mm (1/2 ln)</td></tr></table> Manufacturer or distributor's name & address (City & Postal Code). Minimum 1.6 mm type size. Placed anywhere except bottom - English or French. Where a prepackaged product is wholly manufactured or produced in a country other than Canada, the marking shall consist of one of the following: -The name and address of a Canadian dealer preceded by the words "imported by" ("importé par") or "imported for" ("importé pour"); or -The statement of geographic origin located immediately adjacent to the name and address of a Canadian dealer; or -The name and address of the dealer outside Canada	Principal Display Panel	Minimum Type	< 32 cm² (5 ln²)	1.6 mm (1/16 ln)	> 32 cm² but < 258 cm² (40 ln²)	3.2 mm (1/8 ln)	> 258 cm² but < 645 cm² (100 ln²)	6.4 mm (1/4 ln)	> 645 cm² but < 25.8 dm² (400 ln²)	9.5 mm (3/8 ln)	> 25.8 dm² (400 ln²)	12.7 mm (1/2 ln)	X	X	X	M Product No Packaging Submitted	PASS
Principal Display Panel	Minimum Type																			
< 32 cm² (5 ln²)	1.6 mm (1/16 ln)																			
> 32 cm² but < 258 cm² (40 ln²)	3.2 mm (1/8 ln)																			
> 258 cm² but < 645 cm² (100 ln²)	6.4 mm (1/4 ln)																			
> 645 cm² but < 25.8 dm² (400 ln²)	9.5 mm (3/8 ln)																			
> 25.8 dm² (400 ln²)	12.7 mm (1/2 ln)																			
R	Quebec bilingual requirement - Charter of French	Quebec, R.S.Q., c. C-11	Every inscription on a product, on its container or on its wrapping, or on a document or object supplied with it, including the directions for use and the warranty certificates, must be drafted in French. The French inscription may be accompanied with a translation or translations, but no inscription in another language may be given	X	X	X	NA	-												



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
	Language		greater prominence than that in French					
R	Country of origin marking	Canada Customs Tariff / Marking of Imported Goods Regulations / SOR-94-10 / Marking of Imported Goods Memorandum D11-3-1	a) Imported goods shall indicate country of origin. b) Must be legible and sufficiently permanent to remain on the goods until it reaches the purchaser. c) For goods from NAFTA countries, the language may be English, French or Spanish. d) For goods from non-NAFTA countries, language may be English or French and marking should appear on individual articles. e) If the packaging conceals the Country of Origin mark, then the packaging must also be marked. f) There is a provision to mark only the container providing that certain conditions are met, such that the ultimate purchaser will see the marked container.	X	X	X	M	PASS
R	Mexico packaging labeling	Mexican Official Standard NOM - 050 - SCFI - 2004 / Commercial information - General regulations required for products	The following information is required on product labels: The trademark, name and/or company name and address of manufacturer or importer. The name or generic denomination of the product. A quantity designation according to NOM-030-SCFI, "Declaration of quantity in label specifications." A message indicating the country of origin. Risk warnings, if appropriate. Instructions for use and warnings, where applicable, are to be included in a manual. The label shall read: "SEE MANUAL", or "OPERATION MANUAL." An expiration date or preferred consumption date.	X	X	X	NT	-
R	Mexico language and terms	Mexican Official Standard NOM - 050 - SCFI - 2004 / Commercial information - General regulations required for	Information contained in labels shall: Be in Spanish without precluding presentation in other languages. Information presented in other languages should also be in Spanish in at least the same font size. Be expressed in legible and understandable terms that are clear to consumers. Comply with NOM -008-SCFI, General system of measurement units" and NOM - 030-SCFI, "Declaration of quantity in label specifications", without precluding other systems. Information expressed in a different system should also have the same font size.	X	X	X	NT	-




	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
		products	Be included on a label that remains with the item until the moment of use by the consumer. Be placed on the principal display panel.					
R	Mexico operation and direction manuals	Mexican Official Standard NOM - 050 - SCFI - 2004 / Commercial information - General regulations required for products	Manuals should be written in Spanish according to the General System of Measurement Units without precluding the addition of other unit systems. Information expressed in other units should also appear in Spanish with the same font size. They shall be issued without additional charge to the consumer. Manuals should clearly and precisely indicate conditions for normal use, handling, and assembly and include appropriate warnings relative to the safe and reliable handling of the product. They shall include: The name or trademark of the producer or importer; Identification of the product Procedures to install, connect, assemble or maintain the product for adequate functioning.	X	X	X	NT	-
R	Mexico statement of quantity	Mexican Official Standard NOM-030-SCFI-2006, "Statement of Quantity on Labels"	Net contents and dry weight must be located on the main display surface and should be free of any extraneous information. If applicable, the declared drained mass must be located adjacent to the declaration of the net contents (see example below). MARCA Cont. Net.: XXX Massa Drenada: XXX Where the unofficial English translation is: TRADEMARKS Net Contents: XXX Drained Mass: XXX The content and weight data labeling height is a function of the display surface and must correspond to the following:	X	X	X	NT	-



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating																										
			<table><tr><td>Principal exhibition surface in square centimeters (cm²)</td><td>Minimum height of the numbers and letters in millimeters (mm)</td></tr><tr><td>Up to: 32</td><td>1.5</td></tr><tr><td>Greater than: 32 to 161</td><td>3</td></tr><tr><td>Greater than: 161 to 645</td><td>4.5</td></tr><tr><td>Greater than: 645 to 2,580</td><td>6</td></tr><tr><td>Greater than: 2,680</td><td>12</td></tr></table> <p>For products that express their quantity in units of mass or volume, text height must correspond to the following:</p> <table><tr><td>Net contents</td><td>Minimum height of the numbers and letters in millimeters (mm)</td></tr><tr><td>Up to: 50 g or mL</td><td>1.5</td></tr><tr><td>Greater than: 50 g or mL up to 200 g or mL</td><td>2</td></tr><tr><td>Greater than: 200 g or mL up to 750 g or mL</td><td>3</td></tr><tr><td>Greater than: 750 g or mL up to 1 kg or L</td><td>4.5</td></tr><tr><td>Greater than: 1 kg or L up to 5 kg or L</td><td>5</td></tr><tr><td>Greater than: 5 kg or L</td><td>6</td></tr></table>	Principal exhibition surface in square centimeters (cm²)	Minimum height of the numbers and letters in millimeters (mm)	Up to: 32	1.5	Greater than: 32 to 161	3	Greater than: 161 to 645	4.5	Greater than: 645 to 2,580	6	Greater than: 2,680	12	Net contents	Minimum height of the numbers and letters in millimeters (mm)	Up to: 50 g or mL	1.5	Greater than: 50 g or mL up to 200 g or mL	2	Greater than: 200 g or mL up to 750 g or mL	3	Greater than: 750 g or mL up to 1 kg or L	4.5	Greater than: 1 kg or L up to 5 kg or L	5	Greater than: 5 kg or L	6					
Principal exhibition surface in square centimeters (cm²)	Minimum height of the numbers and letters in millimeters (mm)																																	
Up to: 32	1.5																																	
Greater than: 32 to 161	3																																	
Greater than: 161 to 645	4.5																																	
Greater than: 645 to 2,580	6																																	
Greater than: 2,680	12																																	
Net contents	Minimum height of the numbers and letters in millimeters (mm)																																	
Up to: 50 g or mL	1.5																																	
Greater than: 50 g or mL up to 200 g or mL	2																																	
Greater than: 200 g or mL up to 750 g or mL	3																																	
Greater than: 750 g or mL up to 1 kg or L	4.5																																	
Greater than: 1 kg or L up to 5 kg or L	5																																	
Greater than: 5 kg or L	6																																	
AR	Characteristics of the labeling of containers	Mexican Official Standard NOM-004-SSA1-2013 / NOM-003-SSA1-2006 Sec. 6	<p>Sanitary legends must be preceded by the word WARNING, placed in the center the box and must be placed in such a way that are written and framed by a line of contrasting color with the bottom of the label.</p> <p>Sanitary legends (% of the total area of label) based on products formulation shall meet the labeling requirements as specified in the standard.</p> <p>When the products are imported, the information must appear in the Spanish language and comply with the requirement established by this standard as well as the name of country of origin preceded by the word "product" and the name and the commercial address of the importer.</p> <p>The products at the time of their sale must be packed in sealed containers, in good condition, safe, provided with labels with legible indications. Containers designated containing products of human consumption may not be used.</p>	X	X	X	NT	-																										

	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
			Note: Vendor shall provide the formulation of the product and shall be responsible for the accuracy of information contained.					
A R	Labeling of paint, ink, varnish, lacquer and enamel	Mexican Official Standard NOM-004-SSA1-2013 / NOM-003-SSA1-2006 Sec. 5.2 / CPSD-AN-00730-MTHD	Products for the classification based on the lead content shall meet the labeling requirements as specified in the standard. Note: vendor shall provide the formulation of the product and shall be responsible for the accuracy of information contained.	X	X	X	NA	-
A R	Labeling of paint, ink, varnish, lacquer and enamel - general information	Mexican Official Standard NOM-004-SSA1-2013 / NOM-003-SSA1-2006 Sec. 7	<p>Must contain the number or code of manufacturing, assigned by the manufacturer for its identification, as well as the lot number and date of manufacture. Should include pictogram below in an area of no less than 1.5% of the total surface of the label. The frame of the pictogram must be red, the symbol black and the background besides the following reading: a) All products object of this standard, except those manufactured for school use:</p> <div data-bbox="743 1026 919 1230" data-label="Image"> </div> <p>ATENCION NOCIVO EN CASO DE INGESTION</p> <p>b) The products manufactured for school use</p>	X	X	X	NA	-



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
			 <p>ATENCION NO SE INGIERA</p>					
A R	Made in USA origin claims-Doc	FTC Act Section 5a / California BPC Division 7 Part 3 Chapter 1 Article 2 Section 17533.7	<p>Products with a "Made in USA" or equivalent claim must be "all or virtually all" made in the US in accordance with FTC's criteria.</p> <p>It is unlawful for any person, firm, corporation or association to sell or offer for sale in California any merchandise with a "Made in USA" or equivalent claim when the merchandise or any article, unit, or part thereof, has been entirely or substantially made, manufactured, or produced outside of the United States.</p> <p>Vendor must submit a letter of guarantee that a product with such claim fits the FTC and California requirements to carry such a statement. Qualifying statements such as "Made in USA of imported material" are acceptable but the letter of guarantee is still required for the unqualified portions.</p> <p>Note: Compliance with the FTC or California requirements can not be verified.</p>	X	X	X	NA	-
ANALYTICAL								
A R	Heavy metal in packaging	Model Toxics in Packaging Legislation of	The sum of concentration levels of lead, cadmium, mercury and hexavalent chromium in packaging or packaging components shall not exceed 100 mg/kg (100 ppm) by weight.	X	X	X	NA	-



	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Result	Rating
		the Toxics in Packaging Clearinghouse (TPCH) / CPSD-AN-00065-MTHD	Note: - Total chromium (Cr) is determined first. Confirmation of hexavalent chromium (Cr VI) will be performed when concentration of total chromium is above the detection limit and sum of concentration of four heavy metals is exceeded the limit.					
A R	Heavy metal in packaging-Doc	Model Toxics in Packaging Legislation of the Toxics in Packaging Clearinghouse (TPCH) / CPSD-GB-00001-MTHD	The sum of concentration levels of lead, cadmium, mercury and hexavalent chromium in packaging or packaging components shall not exceed 100 mg/kg (100 ppm) by weight. In lieu of testing, test report can be submitted if dated within One year.	X	X	X	NA	-

EXHIBIT # 1



SAMPLE PRODUCT

EXHIBIT # 2



STAIN RESISTANCE – MUSTARD STAIN

EXHIBIT # 3



EFFECTS OF BOILING WATER – TALL FLOWER TUMBLER

EXHIBIT # 4



EFFECTS OF BOILING WATER – SHORT FLOWER TUMBLER