



# REPORT

Technical Report: (5109)226-0185

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September 3, 2009





# COST PLUS TEST REPORT

COST PLUS WORLD MARKET  
200 FOURTH ST  
OAKLAND, CA 94607

ATTN: CPWM QA

LAB NO.: (5109)226-0185  
DATE IN:  
DATE OUT: SEPTEMBER 3, 2009  
MOD. LOG IN: AUGUST 21, 2009  
WORKING DAYS: 9  
REVISED DATE: N/A  
PAGE: 2 of 20

TROPHY MUSIC CO.  
3800 KELLEY AVE.

CC: DENNIS VELLAH – TROPHY MUSIC CO.

OVERALL RATING	
PASS	<u>  X  </u>
FAIL	<u>      </u>

TESTING FOR  
**TOYS**  
CSTP-8000-US

DEVELOPMENT

PRODUCTION

OTHER

<b>Sample Description:</b> HUM-A-ZOO	
<b>Manufacturer:</b> NOT LISTED	<b>Country of Origin:</b> TAIWAN
<b>SKU/Style No.:</b> 421943/ B100	<b>Color:</b> RED CAP/ WHITE CAP/ BLUE BODY/ WHITE BODY/ RED BODY/ YELLOW BODY
<b>Re-test:</b>	<b>Yes:</b> <input type="checkbox"/> <b>No:</b> <input checked="" type="checkbox"/> <b>Charge Vendor:</b> <b>Yes:</b> <input checked="" type="checkbox"/> <b>No:</b> <input type="checkbox"/>
<b>Previous Report No.:</b> N/A	
<b>Revised Report:</b>	<b>Yes:</b> <input type="checkbox"/> <b>No:</b> <input checked="" type="checkbox"/>
<b>Reason For Revision:</b> N/A	
<b>Partial Testing</b>	<b>Yes:</b> <input type="checkbox"/> <b>No:</b> <input checked="" type="checkbox"/>
<b>Approved by:</b>	NOT LISTED
<b>Email Information:</b>	421943/ HUM-A-ZOO/ TROPHY MUSIC CO./ NOT LISTED/ NOT LISTED/ NOT LISTED/ (5109)226-0185/ PASS



**EXECUTIVE SUMMARY:**

The sample **Passes** demonstrating good performance characteristics in all tests conducted.

For general inquiries, please contact Bureau Veritas at (716) 505-3300.

Bureau Veritas  
Consumer Products Services, Inc.

Richard W. McMahon  
Product Engineer,  
Toy and Juvenile Products Department  
[rick.mcmahon@us.bureauveritas.com](mailto:rick.mcmahon@us.bureauveritas.com)

/lp



**RESULTS:**

TOTAL LEAD CONTENT IN SUBSTRATE (300PPM) (Consumer Product Safety Improvement Act (CPSIA) of 2008)

Element:			Lead	
Requirement: Maximum allowable limit: (mg/kg)			300 mg/kg	
Sample Description			Result (mg/kg)	Conclusion
Color / Component	Location	Style		
(A) Yellow plastic	Body	-	LT 1.79	Pass
(B) Red plastic	Body	-	LT 2.38	Pass
(C) Blue plastic	Body	-	LT 2.17	Pass
(D) White plastic	Body	-	LT 2.38	Pass
(E) Red clear brittle plastic	Cap	-	LT 2.38	Pass
(F) White brittle plastic	Cap	-	LT 2.78	Pass

LT = Less Than

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

\* = Average of duplicate analyses

Remark:

# According to Children's Products Containing Lead; Exemptions for Certain Electronic Devices; Interim Final Rule, exemptions were granted to steel alloy containing up to 0.35 % lead by weight/ aluminium containing up to 0.4 % lead by weight/ copper-based alloy containing up to 4 % lead by weight. Therefore, this material containing the found heavy metals level should be exempted.

**RESULTS:**

**PHTHALATES CONTENT IN TOYS AND CHILDCARE ARTICLES (Consumer Product Safety Improvement Act of 2008)**

**Component**

- A. Red plastic cap on blue Hum-a-zoo
- B. White plastic cap on red Hum-a-zoo
- C. Yellow plastic Hum-a-zoo body
- D. Blue plastic Hum-a zoo body
- E. Red plastic Hum-a-zoo body
- F. White plastic Hum-a-zoo body

	Phthalate						Limits, % by wt	Conclusion
	BBP, % by wt	DBP, % by wt	DEHP, % by wt	DNOP, % by wt	DINP, % by wt	DIDP, % by wt		
A	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	0.1	Pass
B	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	0.1	Pass
C	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	0.1	Pass
D	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	0.1	Pass
E	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	0.1	Pass
F	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	0.1	Pass

**Key:**

*BBP = Butyl benzyl phthalate*

*DBP = Dibutyl phthalate*

*DEHP = Di(2-ethylhexyl) phthalate*

*DNOP = Di-n-octyl phthalate*

*DINP = Di-iso-nonyl phthalate*

*DIDP = Di-iso-decyl phthalate*

*Results reported in percentage*

*LT = Less than*

*ND = None detected*

*GT = Greater than*

- Note: 1) According to CPSIA, DEHP, BBP and DBP shall not be used as substances or as constituents of preparations, at concentrations of greater than 0.1 % by mass of the plasticized material, in toys of children ages 12 and under, and childcare articles of children 3 and under.
- 2) According to CPSIA, DINP, DIDP and DNOP shall not be used as substances or as constituents of preparations, at concentrations of greater than 0.1 % by mass of the plasticized material, in toys of children ages 12 and under which can be placed in the mouth, and childcare articles of children 3 and under which can be placed in the mouth.



**RESULTS:**

**PHTHALATES CONTENT IN TOYS AND CHILDCARE ARTICLES (California Proposition 65)**

**Component**

- A. Red plastic cap on blue Hum-a-zoo
- B. White plastic cap on red Hum-a-zoo
- C. Yellow plastic Hum-a-zoo body
- D. Blue plastic Hum-a zoo body
- E. Red plastic Hum-a-zoo body
- F. White plastic Hum-a-zoo body

Phthalate							
	BBP, % by wt	DBP, % by wt	DEHP, % by wt	DIDP, % by wt	DnHP, % by wt	Limits, % by wt	Conclusion
A	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	0.1	Pass
B	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	0.1	Pass
C	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	0.1	Pass
D	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	0.1	Pass
E	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	0.1	Pass
F	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	0.1	Pass

**Key:**

*BBP* = Butyl benzyl phthalate

*DBP* = Dibutyl phthalate

*DEHP* = Di(2-ethylhexyl) phthalate

*DIDP* = Di-iso-decyl phthalate

*DnHP* = Di-n-hexyl phthalate

*Results reported in percentage*

*LT* = Less than

*ND* = None detected

*GT* = Greater than

Note: 1) According to California Prop 65, BBP, DBP, DEHP, DIDP, and DnHP shall not be used as substances or as constituents of preparations, at concentrations of greater than 0.1 % by mass of the plasticized material, in toys of children ages 6 and under, and childcare articles of children 3 and under.



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Technician Name:	JB
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Reviewed By/Date:	RWM August 31, 2009
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**COST PLUS TEST PROTOCOL FOR**  
**CSTP-8000-US**  
**Toys (ASTM F963-08)**

Evaluation	Citation/Method	Criteria	Rating
<b>SCOPE</b>		Toy is defined as any object designed, manufactured, or marketed as a plaything for children under 14 years of age.	
<b>SUPPLEMENTAL PROTOCOLS</b>			
*Toy Furniture	CSTP-8002A	Toy furniture shall also test to CSTP-8002A Toy Furniture Supplemental protocol.	NA
*MC-4999.9-NA FCC Part 15/IC Electronic products	CPSD-4999.9-NA	Electronic products shall comply with the requirements of the FCC Part 15 protocol. Acceptable documentation supporting FCC Verification or Declaration of Conformity shall be provided by the submitter.	NA
*CA Prop 65	CSTP-6572	All samples should be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required.	M
*Transit Testing	CSTP-9000 – 9199 (Cost Plus Supplemental)	All furniture, electrical, and fragile items are required to be tested to the appropriate Transit Test protocol found in the CSTP 9000-9199 – Packaging and Shipping Folder. <b>Note: Additional cost, sample size &amp; TAT may be required if testing to 1 or more supplemental protocols is necessary.</b> <b>Please refer to the above referenced supplemental protocol(s) for additional information.</b>	NA
<b>LABELING REQUIREMENTS</b>			
UPLR/FPLA	NIST handbook 130 2006 part IV A Section 3, 5 & 6 16 CFR 500.4 / 16 CFR 500.5 / 16 CFR 500	<b>[Packaging and Labeling Evaluation]</b> <ul style="list-style-type: none"> <li>Shall be labeled with product identification.</li> <li>Shall be labeled with the manufacturer, packer, or distributor's name and address (city, state and ZIP).</li> <li>Net quantity of contents shall be on PDP and be expressed in terms of weight or mass, measure, numerical count, or combination so as to give accurate information to facilitate consumer comparison (English and metric units).</li> <li>Glue and Adhesives sold with the product shall comply with the labeling requirements of 16 CFR 500, "Regulations under section 4 of the Fair Packaging and Labeling Act"</li> </ul>	Not Tested  FINAL PACKAGING NOT SUBMITTED
Parts Labeling	Visual	<b>[Packaging and Labeling Evaluation]</b> Shall match the actual content if present	NA
Instructions	Visual	<b>[Packaging and Labeling Evaluation]</b> Shall be legible and easy to understand; instructions shall be consistent with sample performance	NA
Country of origin marking	Country of Origin 19 CFR 134.11	<b>[Packaging and Labeling Evaluation]</b> Shall be marked with the country of origin when imported into the U.S. in a conspicuous place to indicate to the ultimate purchaser in the U.S., the English name of the country of origin. <ul style="list-style-type: none"> <li>All individually packaged items shall contain the country of origin</li> <li>All items shipped in bulk or displayed in bulk must contain the country of origin</li> </ul>	Not Tested  FINAL PACKAGING NOT SUBMITTED



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**CSTP-8000-US**  
**Toys (ASTM F963-08)**

Evaluation	Citation/Method	Criteria	Rating
Age Grading	ASTM F963-08, Section 5.2 / Annex A1	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  Tested Age Grade: Over 3 years of age  Appropriate Age Grade: Over 3 years of age
Stuffed Toy Labeling	PA / MA / OH Stuffed Toy Law	Stuffed toys shall have a tab or label securely affixed which contains: <ul style="list-style-type: none"> <li>• A statement that "All New Material" was used</li> <li>• Type of material</li> <li>• The assigned state registration number (Pennsylvania at a minimum)</li> <li>• The name and principal place of business (city and state) of the manufacturer or vendor</li> </ul>	NA



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**COST PLUS TEST PROTOCOL FOR**  
**CSTP-8000-US**  
**Toys (ASTM F963-08)**

<b>Evaluation</b>	<b>Citation/Method</b>	<b>Criteria</b>	<b>Rating</b>
ASTM F963 Labeling	ASTM F963-08, 4 - 7	<p>Shall have special labeling for specific features such as but not limited to:</p> <ul style="list-style-type: none"> <li>• Aquatic Toys</li> <li>• Crib And Playpen Toys</li> <li>• Mobiles</li> <li>• Strollers And Carriages</li> <li>• Toys Intended To Be Assembled By An Adult</li> <li>• Simulated Protective Devices</li> <li>• Toys With Functional Sharp Edges And Sharp Points</li> <li>• Small Objects, Small Balls, Marbles and Balloons</li> <li>• Toy Caps</li> <li>• Art Materials</li> <li>• Electric Toys</li> <li>• Battery-Operated Toys</li> <li>• Battery-Powered Ride On Toys</li> <li>• Toys In Contact With Food</li> <li>• Magnets</li> </ul> <p>Packaging, literature accompanying toys, and point-of-sale presentations shall not use words, statements, or graphic material that are inconsistent in any way with the safety labeling instructions for use assembly or age grading of the toy.</p> <p>Information and instructions provided for the safe use or assembly of a toy shall be easy to read and understand by persons of the age level for whom the toy is intended. Shall be in the English language at a minimum.</p> <p>Either a principal component of a toy or the packaging of a toy shall be marked with the name and address of the producer or the distributor.</p>	<p>Not Tested</p> <p>FINAL PACKAGING NOT SUBMITTED</p>
16 CFR 1500.130 Pressurized container labeling	16 CFR 1500.130	Self-pressurized containers shall conform to the labeling requirements as defined by 16 CFR 1500.130	NA
15 CFR 1150 Toy Gun Marking	15 CFR 1150 / ASTM F963-08 Section 4.30	Sample shall comply with the requirements as defined in 15 CFR 1150	NA



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**CSTP-8000-US**  
**Toys (ASTM F963-08)**

<b>Evaluation</b>	<b>Citation/Method</b>	<b>Criteria</b>	<b>Rating</b>
16 CFR 303 Textile labeling	16 CFR 303	Shall have a label securely affixed that contains: <ul style="list-style-type: none"> <li>• The name and manufacturer or other marketing or registration number</li> <li>• The country of origin</li> <li>• The generic name and percentage of all fibers in the product</li> </ul>	NA
*AATCC 20A Quantitative	16 CFR 303	Shall be tested to substantiate fiber content. Shall not exceed a deviation of $\pm 3\%$ from the label as allowed for blends and no deviation for items labeled 100% of a fiber.	NA
16 CFR 423 Care labeling review	16 CFR 423	Shall have a label securely affixed that contains regular care (customary and routine) information.	NA
*Wearing Apparel – Care Label	16 CFR 423	For wearing apparel covered by 16 CFR 423: With care label: Conduct laundry test according to the labeled care instruction. Evaluate for general appearance as acceptance criteria. Without care label: Failed for labeling requirement. No softline test will be conducted.  For wearing apparel not covered by 16 CFR 423: With care label: Conduct laundry test according to the labeled care instruction. Evaluate for general appearance as acceptance criteria. Without care label: No softline test is required.	NA
*Mercury Labeling as applicable to Button Cell Battery powered devices. (If Applicable)	Various State Laws, including: <u>VT</u> : Title 10, Chapter 159, Sec. 6621d, <u>RI</u> : Title 23, Chapter 23-24.9, <u>CT</u> : Public Act 02-90 <u>NY</u> : Chap 145, Title 21 Ch. 27 2101-2115	(If a button cell is found to have intentionally added mercury, such as by testing at over 5 ppm, RI, CT, NY, and VT require product containing mercury have labeling to indicate the presence of mercury and instructions on how to properly dispose of the product. Requirements vary by state. Registration with IMERC may be required.)  Product or packaging for items with button cells found to have intentionally added mercury, that may be distributed to states with Mercury legislation shall be Marked so as to be clearly visible prior to the sale and Product itself shall be marked permanently for the life of the product with the following "Battery Contains Mercury. Do Not Put in Trash. Recycle or Manage as Hazardous Waste." Or equivalent.  <b>CT and NY further require that the product with button cell batteries that contain Hg to be replaceable. Product with button cells found to have intentionally added mercury that may be distributed to CT or NY shall have the batteries replaceable, allowing for use of common household tools.</b>	NA



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**CSTP-8000-US**  
**Toys (ASTM F963-08)**

<b>Evaluation</b>	<b>Citation/Method</b>	<b>Criteria</b>	<b>Rating</b>
*16 CFR 1500.83(a)(23) Chemistry set labeling	16 CFR 1500.83(a)(23)	Chemistry sets, science education sets and replacement chemicals for such sets, are exempt from section 2(p)(1) of the Federal Hazardous Substances Act if (i) the immediate container of hazardous chemical bears on its main panel the name, appropriate signal word, and additional statement "Read back (or side) panel before using" and bears on the back (or side) panel the remainder of the appropriate cautionary statement; (ii) the experiment manual or other instruction book or booklet bears the following caution statement within the borders of a rectangle and in the type size specified in 1500.121: WARNING - This set contains chemicals that may be harmful if misused. Read cautions on individual containers carefully. Not to be used by children except under adult supervision. (iii) the outer carton bears on the main panel the caution statement specified in (ii).	NA
16 CFR 1500.14(b)(1-5) labeling on haz. Substances	16 CFR 1500	Substances have a special hazards to health shall have conform labeling requirement as defined by 16 CFR 1500.14(b)(1-5)	NA
CA Health & Safety Code 108870 (marking)	CA Health & 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, of the manufacturer or importer.	NA
*21 CFR 101 Food labeling  *21 CFR 170-189 Food ingredient list review	21 CFR 101  21 CFR 73, 74, 82 and 170 through 189	Food and Nutritional labeling shall be evaluated in accordance with the required size, format, contents, etc. as defined by the regulation. <b>(Vendor shall be responsible for the accuracy of information contained)</b> Additives and colors contained in the ingredients list shall be evaluated in accordance with the approved list of ingredients as defined by the regulation. <b>(Vendor shall be responsible for the accuracy of information contained)</b>	NA
*FDA ingredient list evaluation *FDA 21 CFR Cosmetic labeling review	ASTM F963-08, Section 4.3.4 / 21 CFR 73, 74, 81, 82, 700 - 740	Cosmetics shall conform to the requirements of the FDCA as codified in 21 CFR 700 through 740 and color additive regulations in 21 CFR 73, 74, 81, and 82. Ingredients, color additives, etc. shall be evaluated in accordance with associated requirements in addition to any required warning labels. <b>(Vendor shall be responsible for the accuracy of information contained)</b>	NA
* Safety Agency Listing Verification	E – 1090	Verify Client Acceptable Safety Agency Listing by contacting Listing Agency with the sample's Listing Number, Manufacturer, Model Number, and/or Agency Control Number. Shall be verified.	NA



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**CSTP-8000-US**  
**Toys (ASTM F963-08)**

Evaluation	Citation/Method	Criteria	Rating
<b>ANALYTICAL</b>			
*16 CFR 1303 Lead content	Consumer Product Safety Improvement Act of 2008 / 16 CFR 1303 / AOAC 974.02(mod) / CPSD-AN-00001-MTHD	<p>All accessible surface coatings shall not contain lead in excess of <b>0.009% (90ppm)</b> of the weight of the total content of paint or surface coating.</p> <p>Report actual results or include data table within report</p> <p><b>Note: In case of insufficient coating for testing found on number of samples specified in the protocol, vendor needs to provide additional up to 12 pieces of samples.</b></p> <p>Issue a third party test report          Compositing is not allowed          Documentation of component testing is not allowed</p> <p><b>Effective Aug. 14, 2009, the CPSA limit of 600 ppm, will be reduced to 90 ppm.          Until Aug. 14, 2009, the 90 ppm is a client requirement.</b></p>	NA
*CPSC Total lead content in substrate material	Consumer Product Safety Improvement Act of 2008 / EPA 3050B(mod) / EPA 3051(mod)/ EPA 3052(mod) / CPSD-AN-00007-MTHD/ CPSD-AN-00008-MTHD	<p>Accessible substrates on items intended for children ages 12 and under shall not contain lead in excess of <b>0.03% (300ppm)</b> of the weight of the total content.</p> <p>Note: The lead limit will be reduced to 0.01% (100ppm) three years after the date of enactment of the Act respectively.</p> <p>Report actual results or include data table within report</p> <p>Issue a program audit report through August 2009          Compositing is not allowed</p> <p><b>Effective Aug. 14, 2009          Until the respective effective dates, any deviation is a client requirement.</b></p>	M
*ASTM F963 Soluble heavy metals content	ASTM F963-08, Section 4.3.5.2 / 8.3	Shall not contain compounds of which the metal content of the <i>soluble</i> material exceeds the levels by weight (mg/kg) of the contained solid including pigments, film solids and driers [Antimony (Sb) 60, Arsenic (As) 25, Barium (Ba) 1000, Cadmium (Cd) 75, Chromium (Cr) 60, Lead (Pb) 90, Mercury (Hg) 60, Selenium (Se) 500]	NA



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**Toys (ASTM F963-08)**

<b>Evaluation</b>	<b>Citation/Method</b>	<b>Criteria</b>	<b>Rating</b>
*CPSC Extractable lead from crayons & art supplies	CPSC Guidance Letter1	Specific art materials shall comply with the requirements as defined by the guidelines of the CPSC of no greater than 0.01% (100ppm) lead.	NA
*CPSIA Total lead in children's metal jewelry	Consumer Product Safety Improvement Act of 2008/CPSC-CH-E1001-08/CPSPD-AN-00185-MTHD	Any accessible metal component of items intended for children ages 12 and under shall not contain lead in excess of <b>0.03% (300ppm)</b> of the weight of the total content.  Note: The lead limit will be reduced to 0.01% (100ppm) three years after the date of enactment of the Act respectively.  Components composed of surgical steel, gold (at least 10 karat), sterling silver (at least 925/1000), platinum, palladium, rhodium, osmium, iridium, and ruthenium are exempt. Any non-precious metal components such as solder, base metal in electroplate and fill are not included in these exemptions and must comply.  Report actual results or include data table within report  Issue a third party test report started from 22 March 2009 Compositing is not allowed Documentation of component testing is not allowed	NA
*21 CFR 700.13 Mercury in cosmetics	21 CFR 700.13	Shall not contain more than 0.0065% of mercury for cosmetics intended for use with the eyes and 0.0001% of mercury for other cosmetics.	NA
*US PL 104-142 Mercury in batteries	Battery Act, Public Law 104-142	Alkaline-manganese batteries, alkaline-manganese button cell batteries, zinc-carbon batteries, mercuric-oxide button cell batteries shall conform to respective requirements. <b>Actual testing would be conducted on button cell batteries. It is the vendor's responsibility for the conformity to this requirement for other batteries.</b>	NA
21 CFR 170.39 Food contact (metal) – doc  *ASTM E1086-94 Metal composition & GRAS evaluation	21 CFR 170.39	All metal components of cups, mugs or other food contact articles shall be constructed of an FDA recognized grade of stainless steel. Stainless Steel <u>Grades</u> : 302, 304, 304F, 316, 321, 410, 416, 420 (cutlery only), 440, 440A, 440C, 904L, A-36 and CF-1018.  For any other grade of stainless steel or other metal, vendor need to provide the list of compositions or will have the material evaluated which shall be submitted to the FDA for review and approval for use in food contact articles.  <b>(Vendor shall be responsible for the accuracy of information provided)</b>	NA



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**Toys (ASTM F963-08)**

<b>Evaluation</b>	<b>Citation/Method</b>	<b>Criteria</b>	<b>Rating</b>
*FDA Extractable lead & cadmium (ceramic interior)	ASTM F963-08, Section 4.3.3.2 / FDCA Section 402	Toys made of ceramic intended or likely to hold food shall conform to the applicable requirements of the FDCA, Section 402 (a)(2)(c) and FDA Compliance Policy Guides	NA
*CA Health & Safety 25249.5 (Prop65 lead/cad)-12pcs	Safe Drinking Water & Toxic Enforcement Act, California Health & Safety Code	Toys made of ceramic intended or likely to hold food shall conform to the applicable requirements of the state of California.	NA
*CA Health & Safety Code 108860 (lead and cadmium)	CA Health & Safety Code, section 108860	Toys made of ceramic intended or likely to hold food shall conform to the applicable requirements of the state of California.	NA
*SGCD Extractable lead & cadmium (rim)	SGCD	Exterior decorations applied within 20 mm of the rim of cups, mugs, glasses or other vessels shall conform to the applicable requirements as defined by the standards	NA
CONEG - doc review	CONEG	This environmentally motivated legislation regulates the amount of lead, cadmium, hexavalent chromium and mercury allowed in packaging materials. <b>It is the vendor's responsibility for the conformity of this requirement.</b>	NR
*16 CFR 1507 Pyrotechnic Composition	16 CFR 1507.11	Party poppers (also known as champagne party poppers and party surprise poppers) and Christmas crackers shall contain no more than 0.25 grains (16.2 mg) of pyrotechnic material.	NA
LHAMA Evaluation - doc review	ASTM F963-08, Section 4.29 / 16 CFR 1500.14 / ASTM D-4236	Samples shall meet the requirements intended to minimize the potential risk associated with the use of art materials that present chronic, long-term health hazards (ASTM D4236/LHAMA). <b>In lieu of testing, test report can be submitted if dated within five years.</b>	NA
16 CFR 1500 Toxicity & irritancy claim - doc	ASTM F963-08, Section 4.3.1 / 16 CFR 1500.3	Products intended for use by children, including toys and parts of toys, must not be toxic or cause skin or eye irritation. If a "NON-TOXIC" claim is present on samples and/or its packaging, Toxicity Risk Assessment shall be conducted to substantiate the compliance of the regulation. <b>In lieu of testing, test report can be submitted if dated within five years.</b>	NA
Liquid Screen			
*16 CFR 1500.3(c)(6)(iii) Combustible liquids	16 CFR 1500.3(c)(6)(iii) / 16 CFR 1500.43(a) /	Method of test for flashpoint of potentially volatile combustible materials (150 °F / 65.6 °C). All liquid filled items intended or likely to be used by children shall comply with this requirement.	NA
*16 CFR 1500.231 Hazardous liquid (GC scan)	16 CFR 1500.231	To identify the presence of potentially hazardous ingredients, all liquid filled items intended or likely to be used by children shall comply with this requirement.	NA



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**Toys (ASTM F963-08)**

<b>Evaluation</b>	<b>Citation/Method</b>	<b>Criteria</b>	<b>Rating</b>
*ASTM F963 DEHP Content	ASTM F963-08, Section. 4.3.8	Pacifiers, rattles, and teethingers shall not intentionally contain Di (2-ethylhexyl) phthalate. Shall not contain more than 3% of total solid.	NA
ASTM F963 – 08 Nitrosamines in rubber pacifiers - doc	ASTM F963-08, Section 4.20.1 / ASTM F1313	Rubber nipples on pacifiers, when sampled to ASTM F1313, shall not contain more than 10 parts per billion (ppb) of any one nitrosamine per three aliquots of sample nor exceed 20 ppb total nitrosamines. <b>In lieu of testing, test report can be submitted if dated within one year.</b>	NA
*21 CFR 175-177 Solvent extract (toys) *21 CFR 181.32 Acrylonitrile copolymers & resins	ASTM F963-08, Section 4.3.3 / 21 CFR 170 - 189	Product intended to be used in contact with food shall conform to the applicable requirements of the Food, Drug, and Cosmetic Act (FDCA), specifically 21 CFR 170 through 189. <b>All testing will be conducted on the final product.</b> It is the vendor's responsibility to provide accurate identification of all polymers used. <b>For food contact items containing PVC, PETG, Styrene Block Polymers, Polyester Elastomers or ABS (Acrylonitrile&gt;30%), it is acceptable for the vendor to submit either a test report or a letter of compliance (dated within one year) indicating the only food grade materials were used in the manufacturing process.</b>	NA



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**COST PLUS TEST PROTOCOL FOR**  
**CSTP-8000-US**  
**Toys (ASTM F963-08)**

Evaluation	Citation/Method	Criteria	Rating
*BBP / DBP / DEHP content  *DnOP / DINP / DIDP content	Consumer Product Safety Improvement Act of 2008 / CPSD-AN-00143-MTHD	<p>Children's toys and childcare articles shall not contain concentrations of more than 0.1% <b>BBP, DBP or DEHP</b>.</p> <p>Children's toys that can be placed in the mouth or childcare articles shall not contain concentrations of more than 0.1% <b>DINP, DIDP or DnOP</b>.</p> <p>For the purpose of this ban;</p> <p><b>"Children's toy"</b> means a consumer product designed or intended by the manufacturer for a child 12 years of age or younger for use by the child when the child plays.</p> <p><b>"Child care article"</b> means a consumer product designed or intended by the manufacturer to facilitate sleep, relaxation or the feeding of a child 3 years of age or younger or to help such children with sucking or teething.</p> <p><b>"Can be placed in a child's mouth"</b> means if any part of the toy can actually be brought to the mouth and kept in the mouth by a child so that it can be sucked or chewed. If the product can only be licked, it is not regarded as able to be placed in the mouth. If a toy or part of a toy in one dimension is smaller than 5 centimeters, it can be placed in the mouth.</p> <p><b>Actual testing would be conducted on accessible plastics only; vendor shall be responsible for the compliance for other materials.</b></p> <p>Issue a program audit report (until September 2009)</p> <ul style="list-style-type: none"> <li>Test all plastics</li> <li>Compositing is not allowed</li> </ul> <p><b>Effective Feb. 10, 2009</b>  <b>Until Feb. 10, 2009, this is a client requirement.</b></p>	<p align="center">M</p>
*ASTM F963 – 08 Total plate count & total coliform	ASTM F963-08, Section 4.3.6.1	Pure water used in filling of toys shall meet the requirements of $\leq 100$ CFU/ml of total plate count and $\leq 1$ CFU/100ml of total Coliform.	<p align="center">NA</p>
*USP 61 Microbial limit test	ASTM F963-08, Section 4.3.6.3 / 8.4.1 / USP <61>	Cosmetics, Liquids, Pastes, Putties, Gels and Powders used in toys (excluding art materials) shall not be contaminated with Salmonella, E. Coli, Pseudomonas aeruginosa, or Staphylococcus aureus and be subject to requirements of $\leq 5,000$ CFU/ml ( $\leq 500$ CFU/ml for cosmetics intended for use with the eyes and baby products) for total viable count (total plate count + yeast & mold count) as intended to minimize risk associated with lack of cleanliness, shelf life and contamination.	<p align="center">NA</p>



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<b>Evaluation</b>	<b>Citation/Method</b>	<b>Criteria</b>	<b>Rating</b>
USP 51 Preservative effectiveness - doc review	ASTM F963-08, Section 4.3.6.3 / 8.4.2 / USP <51>	Formulations used to prevent microbial degradation in Cosmetics, Liquids, Pastes, Putties, Gels and Powders used in toys (excluding art materials) shall be tested for microbial control and preservative effectiveness. <b>It is the vendor's responsibility for the conformity of this requirement.</b>	NA
<b>HAZARDS</b>			
ASTM F963-08 Mechanical hazards	ASTM F963-08, Section 4	Shall meet the requirements specified in the standard.	M
16 CFR 1510 Rattles	16 CFR 1510 / ASTM F963-08 Section 4.23	Samples shall meet the safety requirements as specified in 16 CFR 1510	NA
*16 CFR 1511 Pacifiers	ASTM F963-08, Section 4.20 / 16 CFR 1511	Samples shall meet the safety requirements as specified in 16 CFR 1511 if nipple length longer than 0.63 inch	NA
16 CFR 1500 Dive stick	16 CFR 1500	Samples shall meet the safety requirements as specified in 16 CFR 1500	NA
21 CFR 801.410 FDA Lens impact - doc review	21 CFR 801.410	Shall be fitted with impact-resistant lenses to protect the consumer from potential eye injuries. All sunglasses shall also comply with the Simulated Protective Devices (refer to ASTM F963, Section 4.19 above). FDA impact resistance testing of a statistically representative sample size is the vendor's responsibility. <b>In lieu of testing, test report can be submitted if dated within one year.</b>	NA
NY Restriction of sale of Yo-Yo Waterball	Section 399 General Business Law/ A472	No person, firm, corporation, or association shall import, manufacture, sell, offer to sell, or distribute a Yo-Yo waterball toys.  "Yo-Yo waterball toy" means a yo-yo waterball, water yo-yo, or any similar toy made of rubber or rubberlike material consisting of a ball that is filled with a liquid and attached to an elastic cord with a finger loop at the end.	NA
*ASTM F1816 Drawstrings on Child Upper Outerwear	ASTM F1816-2004 Section 4	There shall be no drawstrings in the hood and neck area of children's upper outerwear sizes 2T to 12 (age 2-12). Drawstrings at the waist and bottom of children's upper outerwear sizes 2T to 16 (age 2-16) shall: <ul style="list-style-type: none"> <li>• Not exceed 3 in. (75 mm) in length outside the drawstring channel when the garment is expanded to its fullest width,</li> <li>• Have no toggles, knots, or other attachments at the free ends, and</li> <li>• Be bartacked, if the drawstring is one continuous string.</li> </ul>	NA



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Evaluation	Citation/Method	Criteria	Rating
*ANSI Z80.3 Luminous transmittance UVA/B *ANSI Z80.3 Traffic signal recognition	ANSI Z80.3	Shall comply with luminous transmittance properties and traffic signal recognition requirements for non-prescription sunglasses and fashion eyewear as specified based on intended primary function: general purpose, cosmetic use, and special purpose (skiing, climbing, beach, etc). <b>Sunglasses containing a UVA/UVB protection, Traffic signal recognition and/or other ANSI Z80.3 claim will be tested to substantiate such claims.</b>	NA
* ASTM F963-08 B/O ride-on toys	ASTM F963-08, Section 4.25.10	Samples shall meet the safety requirement as specified in ASTM F963-08, section 4.25.10	NA
*16 CFR 1505 Electrically operated toys	ASTM F963-08, Section 4.4 / 16 CFR 1505	Toys operating from nominal 120-V branch circuits shall conform to the requirements of 16 CFR 1505	NA
*UL Testing (For electrically operated product)	UL Standard	Item will be audited to verify compliance with the selected sections of the applicable and/or labeled UL standard.	NA
<b>FLAMMABILITY</b>			
16 CFR 1500.44 Flammability (solids)	ASTM F963-08, Section 4.2 / Annex A4 / 16 CFR 1500.44	Shall not exceed the maximum allowable limit of no greater than 0.1 inches per second	M
16 CFR 1500.3(c)(6)(viii) Flammability (container)	16 CFR 1500.3(c)(6)(viii)	Self-pressurized container shall meet the flammability requirements of 16 CFR 1500.3(c)(6)(viii).	NA
*ASTM F963-08 Fabric flammability - Toys	ASTM F963-08, Section 4.2 / Annex A5/ 16 CFR 1610	Textile fabrics used in toys should comply with 16 CFR 1610 as applicable	NA
*16 CFR 1610 Flammability (costume)	16 CFR 1610	Costumes should comply with 16 CFR 1610 as applicable	NA
*16 CFR 1611 Flammability (vinyl plastic film)	16 CFR 1611	Textile fabrics used in toys should comply with 16 CFR 1611 as applicable	NA
CPAI-75 Flammability (sleeping bags) - doc review	CPAI-75	Materials shall comply with the requirements as defined. <b>In lieu of testing, test report can be submitted if dated within one year.</b>	NA



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Evaluation	Citation/Method	Criteria	Rating
CPAI-84 Flammability (camping tentage) - doc	CPAI-84	Materials shall comply with the requirements as defined. <b>In lieu of testing, test report can be submitted if dated within one year.</b>	NA
<b>PERFORMANCE</b>			
Function	Per instruction or Intended	Shall function as intended	M
Overall Dimensions & Weight	Std. Measure	Shall meet label claims.	not tested  FINAL PACKAGING NOT SUBMITTED
Defects	Visual	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.	M
Workmanship	Visual	Shall have no components missing, malformed or fractured	M
	Visual	Welds shall be smoothly ground and free of pits and splatter	NA
	Visual	Shall have no loose component and unsecured fastening where rigidity is required.	NA
*Air Leakage For Inflatable	Per Criteria	Inflatable shall be evaluated for air leakage for duration of one hour.	NA
*Dishwasher Claim Verification	Per Criteria	Items containing a dishwasher safe claim will be subjected to 5 normal cycles and evaluated for any color change, warping, breaking, leaking or other defects.	NA
*Microwave Claim Verification	Per Criteria	Items containing a microwave safe claim will be subjected to 10 normal cycles and evaluated for any color change, warping, breaking, leaking or other defects.	NA
*Freezer Claim Verification	Per Criteria	Items containing a freezer safe claim will be subjected to 3 freeze/thaw cycles and evaluated for any color change, warping, breaking, leaking or other defects.	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.



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Rating Key:

M Meets  
 NA Not Applicable  
 \* Additional Charge For This Test

NM Does Not Meet  
 NR Not Requested

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

No. of samples required for complete testing:	
Toys and Hardgoods (case by case for assortments)	12
Electric/Battery Operated (per style)	
Electric (per style with adapter/transformer)	
Dinnerware, Mugs, Pitchers, etc (decorated lip/rim)	12 (18)
Sunglasses (Lenses)	
No. of working days for complete testing	5

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