



# COSTCO WHOLESALE TOYS/ HARDLINES PRODUCTION TEST REPORT

Page 1 of 4

LAB LOCATION:  
DATE IN:

DONG GUAN, CHINA  
December 16, 2013

REPORT NUMBER:  
DATE OUT:

63113-09527  
December 23, 2013

Costco QA Project Person: Michael	
Applicant:	Lifetime Hong Hong
Department:	38 Home Furnishings
Address :	PO BOX 160010 Freeport Center, BLDG D-11 Clearfield, UT 84016-0010
E-mail:	<a href="mailto:nonfoodsqa@costco.com">nonfoodsqa@costco.com</a>
Copy To:	<a href="mailto:dan@frontiarnw.com">dan@frontiarnw.com</a>

## OVERALL RATING

PASS	X
FAIL	--

Note: Rating based on laboratory tests.  
Final disposition determined by Costco.

## TESTING FOR SP - 014 - US – Costco CPSIA New Requirements

Sample Information	Item is CPSIA Regulated for US bound good (Including Mexico Depot 929)? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Inconclusive <input type="checkbox"/> If YES: <input checked="" type="checkbox"/> CPSIA Regulations have been tested in this report. Refer to tests below.	
	Product includes Digital Devices? NO <input checked="" type="checkbox"/> Yes <input type="checkbox"/> - If YES, must fulfill either one of the following: <input type="checkbox"/> FCC/IC testing & labeling review is required OR <input type="checkbox"/> Exempted from FCC/IC (Vendor provided with declaration form – See attachment) <input type="checkbox"/> Not sold to USA / Canada	
Sample Submitted By:	Costco <input type="checkbox"/>	Vendor <input checked="" type="checkbox"/> Sample Selected by Third Party Lab: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
 63113-09527	Inspection Pull Test: <input type="checkbox"/>	Inspection Report No.:/
	Done in Lab Test: <input type="checkbox"/>	
	Purchase Order Number:	/
	Product Description:	Lifetime 6' Folding Table
	With Packaging <input checked="" type="checkbox"/>	Without Packaging <input type="checkbox"/>
	Costco Item Number:	238397
	Costco QA Code#:	52968677
	Model Number:	/
	Assortment:	N/A
	Vendor:	Lifetime Hong Hong
	Factory/Location:	Lifetime Hong Hong / Fujian, China
	Country of Destination:	US
	Country of Origin:	China
No. of Samples Submitted:	1 Box	
Ship Date:	/	

For and on behalf of  
Modern Testing Services (Dongguan) Limited

LAU Kwok Ping, Leo  
Manager, Hardlines

Testing Status			
Production	<input checked="" type="checkbox"/>	Warehouse Pull	<input type="checkbox"/>
Retest	<input type="checkbox"/>	Previous Report No.:	
Revised Report:	<input type="checkbox"/>	Reason for revision:	
Amended Report	<input type="checkbox"/>	Reason for addendum:	

Test Property	Rating		Fed/State Regulation	Voluntary Standards	Costco Standards	Product Specifications
	PASS	FAIL	Non-Compliance (Check All That Apply)			
Labeling (Label Review)	--	--	--	--	--	--
Product Specifications	--	--	--	--	--	--
Construction Qualities	--	--	--	--	--	--
Performance	--	--	--	--	--	--
Flammability	--	--	--	--	--	--
Lead Test	X	--	--	--	--	--
TPCH	--	--	--	--	--	--
Packaging Performance	--	--	--	--	--	--
Other (Costco Plastic Bag Warning Statement)	--	--	--	--	--	--

### Executive Summary:

Protocol Tested	Rating
SP - 014 - US – Costco CPSIA New Requirements	PASS
US Toxics in Packaging Clearing House (TPCH)	Not Request
PK-001 Packaging Performance Test	Not Request

### Remark:

1. Per client request, only CPSIA test is conducted in this report.
2. It should be noted that pull sample was selected by **MTS**. (See Exhibit A-B)

Exhibit A (selected by MTS)	Exhibit B (selected by MTS)
	

## Test Result:

Refer to the protocol pages and the following result:

### COMPONENT BREAKDOWN LIST:

Test Item	Component Description
1	Dark grey coating ( On metal frame )
2	Black coating ( On red plastic )

### 1. Total Lead Content in Paint or Similar Surface Coating – U.S. CPSC 16 CFR 1303

Test Item	Accessibility (Remark 1)	Classification	Total Lead (Pb) (ppm)		Conclusion
			Result	Limit	
1+2	Accessible as received	Paint or similar surface coating	<10	90	PASS

Method:

- Lead in paint and other similar surface coatings:  
The test is conducted according to the US CPSC Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, April 26, 2009 (CPSC-CH-E1003-09.1)
- Lead in metals:  
The test is conducted according to the US CPSC Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry), December 4, 2008 (CPSC-CH-E1001-08.2)
- Lead in other non-metal materials including plastics, glass and leather material:  
The test is conducted according to the US CPSC Standard Operating Procedure for Determining Total Lead (Pb) in Non-Metal Children's Products, February 1, 2009 (CPSC-CH-E1002-08.1)

Remark:

- The accessibility of the submitted sample after use and abuse is verified according to 16 CFR 1500.87 (e) to (h).

Note: ppm = part per million = mg/kg (milligram per kilogram)  
“<” = less than

**Exhibit:**



**NOTE:**

If there is question or concern regarding the above results, please contact the appropriate lab person below:

**General question & concern:** CAO Yan, Joy  
Customer Service Representative  
(86)769 8112 0818 Ext. 852  
[csteam04@mts-china.com](mailto:csteam04@mts-china.com)

**Technical question & concern:** LAU Kwok Ping, Leo  
Manager  
(86)769 8112 0818 Ext. 816  
[llau@mts-china.com](mailto:llau@mts-china.com)

*The testing lab overall rating is provided to client as an aid in reviewing report data. The rating is based on lab results. Final product acceptance or rejection is per client only. Testing of vendor's merchandise by client is not a substitute for vendor's own testing and other quality assurance related obligations in connection with its sale of merchandise to client. Client testing shall not limit client's rights, or diminish or remove any of vendor's responsibilities.*



# MODERN TESTING SERVICES TEST PROTOCOL

## SUMMARY OF TEST RESULTS FOR

SP - 014 - US - Costco

CPSIA New Requirements

Client Code: -- Technician: GG MTS Report Number: 63113-09527  
 Start Date: 16/Dec/13 Finish Date: 23/Dec/13 Result Reviewed by: LL

TEST CODE	TESTED PROPERTY	REQUIREMENT	RESULTS		COMMENTS
			Pass	Fail	
LABELING					
Consumer Product Safety Improvement Act of 2008	General conformity certificate (Doc Review)	Every manufacturer of a product subject to a consumer product safety rule under this Act or similar rule, ban, standard, or regulation under any other Act enforced by the Commission and which is imported for consumption or warehousing or distributed in commerce shall issue a certificate which: <ul style="list-style-type: none"><li>• is in English</li><li>• identifies the manufacturer or private labeler issuing the certificate and any third party conformity assessment body on whose testing the certificate depends</li><li>• includes, at a minimum, the date and place of manufacture, the date and place where the product was tested, each party's name, full mailing address, telephone number, and contact information for the individual responsible for maintaining records of test results</li><li>• specifies each rule, ban, standard, or regulation applicable to the product</li></ul> <b>Products without the required certificate cannot be imported or distributed in commerce in the United States. The certificate must accompany the product or product shipment and must be available to CPSC and Customs and Border Patrol upon request. Effective November 12, 2008</b>	X		
Consumer Product Safety Improvement Act of 2008	Tracking labels for children's products	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. Effective Aug. 14, 2009 Until Aug. 14, 2009, this is a client requirement	--	--	NA Not children's product
ANALYTICAL					



# MODERN TESTING SERVICES TEST PROTOCOL

## SUMMARY OF TEST RESULTS FOR

SP - 014 - US - Costco

CPSIA New Requirements

Client Code: -- Technician: GG MTS Report Number: 63113-09527  
 Start Date: 16/Dec/13 Finish Date: 23/Dec/13 Result Reviewed by: LL

TEST CODE	TESTED PROPERTY	REQUIREMENT	RESULTS		COMMENTS
			Pass	Fail	
Consumer Product Safety Improvement Act of 2008	* 16 CFR 1303 Lead content  (Costco Requirement - the sample of Mexico submission shall also comply with this requirement)	All accessible surface coatings shall not contain lead in excess of 0.009% (90ppm) of the weight of the total content of paint or surface coating. Report actual results or include data table within report Note: In case of insufficient coating for testing found on number of samples specified in the protocol, vendor needs to provide additional up to 14 pieces of samples. Issue a third party test report  Documentation of component testing is not allowed	X		See test result 1
Consumer Product Safety Improvement Act of 2008	* CPSC Total lead content in substrate material  (Costco Requirement - the sample of Mexico submission shall also comply with this requirement)	All accessible substrates on items intended for children ages 14 and under shall not contain lead in excess of 0.01% (100ppm) of the weight of the total content.  Note: The following materials will be exempted from testing; it is the vendors responsibility to ensure compliance to the applicable requirements: a. Accessible electronics: - Lead blended into the glass of cathode ray tubes, electronic components and fluorescent tubes. - Lead used as an alloying element in steel. (Max. amount of lead < 0.35% by weight) - Lead used in the manufacture of aluminum. (Max. amount of lead < 0.4% by weight) - Lead used in copper-based alloys. (Max. amount of lead < 4% by weight) - Lead used in lead-bronze bearing shells and bushings. - Lead used in compliant pin connector systems. - Lead used in optical and filter glass. - Lead oxide in plasma display panels (PDP) and surface conduction electron emitter displays (SED) used in structural elements; notably in the front and rear glass dielectric layer, the bus electrode, the black stripe, the address electrode, the barrier ribs, the seal frit and frit ring as well as in print pastes. - Lead oxide in the glass envelope of Black Light Blue (BLB) lamps b. Spare parts or other removable components (such as battery packs and light bulbs) shall be considered inaccessible provided that lead containing component is inaccessible when the product is assembled in functional form or in the criteria for exemption.	--	--	NA Not children's product



# MODERN TESTING SERVICES TEST PROTOCOL

## SUMMARY OF TEST RESULTS FOR

SP - 014 - US - Costco

CPSIA New Requirements

Client Code: -- Technician: GG MTS Report Number: 63113-09527  
 Start Date: 16/Dec/13 Finish Date: 23/Dec/13 Result Reviewed by: LL

TEST CODE	TESTED PROPERTY	REQUIREMENT	RESULTS		COMMENTS
			Pass	Fail	
Consumer Product Safety Improvement Act of 2008	* CPSC Total lead content in substrate material	[Continued from above]			
	(Costco Requirement - the sample of Mexico submission shall also comply with this requirement)	<p>c. Ordinary children's books printed after 1985. Ordinary is defined as one that is published on cardboard or paper printed by conventional methods and intended to be read. This excludes children's books that have plastic, metal or electronic parts.</p> <p>d. Dyed or undyed natural or synthetic textiles (not including leather, vinyl or PVC)</p> <p>e. Precious gemstones: diamond, ruby, sapphire, emerald</p> <p>f. Certain semiprecious gemstones provided that the mineral or material is not based on lead or lead compounds, this does not include materials such as, aragonite, bayldonite, boledite, cerussite, crocoite, linarite, mimetite, phosgenite, vanadinite and wulfenite as these are known to contain lead.</p> <p>g. Natural or cultured pearls</p> <p>h. Wood</p> <p>i. Natural fibers such as cotton, silk, wool, hemp, flax, linen</p> <p>j. Other natural materials including coral, amber, feathers, fur, untreated leather</p> <p>k. Certain metals and alloys contains no lead or lead-containing metals is intentionally added like Surgical steel, Precious metals like gold, sterling silver, platinum, palladium, rhodium, osmium, iridium, ruthenium which do not extend to the non-steel or non-precious metal components of a product such as solder or base materials in electroplate, clad or fill applications</p> <p>l. Until May 1, 2011, a SOE shall apply to the following parts for Youth Motorized Recreational Vehicles:</p> <ul style="list-style-type: none"> <li>- battery terminals containing up to 100 percent lead</li> <li>- components made with metal alloys, including</li> <li>- steel containing up to 0.35 percent lead, -</li> <li>- aluminum with up to 0.4 percent lead,</li> <li>- copper with up to 4.0 percent lead</li> </ul>	--	--	NA Not children's product
Consumer Product Safety Improvement Act of 2008	* CPSC Total lead content in substrate material	[Continued from above]			
	(Costco Requirement - the sample of Mexico submission shall also comply with this requirement)	<p>In case of insufficient material for testing found on number of samples specified in the protocol, vendor needs to provide additional samples for testing.</p> <p>Report actual results or include data table within report</p> <p>Issue a program audit report (until February 2010) Component testing is not allowed,</p> <p>.</p>	--	--	NA Not children's product





# MODERN TESTING SERVICES TEST PROTOCOL

## SUMMARY OF TEST RESULTS FOR

SP - 014 - US - Costco

CPSIA New Requirements

Client Code: -- Technician: GG MTS Report Number: 63113-09527  
 Start Date: 16/Dec/13 Finish Date: 23/Dec/13 Result Reviewed by: LL

TEST CODE	TESTED PROPERTY	REQUIREMENT	RESULTS		COMMENTS
			Pass	Fail	
Consumer Product Safety Improvement Act of 2008	* CPSIA Total lead in children's metal jewelry	Any accessible metal component of items intended for children ages 14 and under shall not contain lead in excess of 0.01% (100ppm) of the weight of the total content.  Note: The lead limit will be reduced, if technologically feasible, to 0.01% (100ppm) on Aug. 14, 2011. 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  Component testing is not allowed Documentation of component testing is not allowed Effective Aug. 14, 2009, the CPSIA limit of 600 ppm, will be reduced to 300 ppm. Until Aug. 14, 2009, the 300 ppm is a client requirement.	--	--	NA Not children's product





# MODERN TESTING SERVICES TEST PROTOCOL

## SUMMARY OF TEST RESULTS FOR

SP - 014 - US - Costco

CPSIA New Requirements

Client Code: -- Technician: GG MTS Report Number: 63113-09527  
 Start Date: 16/Dec/13 Finish Date: 23/Dec/13 Result Reviewed by: LL

TEST CODE	TESTED PROPERTY	REQUIREMENT	RESULTS		COMMENTS
			Pass	Fail	
CPSIA, Title I, Section 108 / Costco Requirement	* CPSIA Phthalates Ban  (Costco Requirement - the sample of Mexico submission shall also comply with this requirement)	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), toy nail polish, reusable packaging, electrical plug and cables.  Vendor shall be responsible for the compliance of all other accessible materials.  Children's toys and childcare articles, before and after use and abuse testing, shall not contain concentrations of more than 0.1% BBP, DBP or DEHP, individually.  Children's toys that can be placed in the mouth or childcare articles, before and after use and abuse testing, shall not contain concentrations of more than 0.1% DINP, DIDP or DnOP, individually.  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.	--	--	NA Not children's product

### NOTE:

1. The lead limit shall not apply to an off-highway vehicle.
2. For metal component part of bicycles and related products, the lead limit shall not be more than 300 ppm.
3. The lead limit shall not apply to a used children's product which was obtained by the seller for use and not for the purpose of resale and also children's product which was donated to the seller for charitable distribution or resale to support charitable purposes. The term "used children product" does not include: 1) children's metal jewelry, 2) any children's product for which the donating party or the seller has actual knowledge that the product is in violation of the lead limits in this section, 3) any other children's product or product category that the Commission determines, after notice and a hearing
4. Exclusion of 3rd party testing requirement of lead content on ordinary books or ordinary paper-based printed materials. The term "ordinary book" does not include books with inherent play value, books designed or intended for a child 3 years of age or younger, and does not include any toy or other article that is not a book that is sold or packaged with an ordinary book

**IMPORTANT NOTICE:** Please review the Actual Products against the updated Requirements/Regulation. Prior to testing and communicate with clients if additional test required. This protocol is the basic guidelines to follow and does not replace the content of the standard.

**Note:** It is the Vendor's responsibility to ensure that the products comply with all United States Federal, States, and local laws, regulations, and ordinances. A Pass Lab test result does not constitute a certification that a vendor's products meet all legal requirements. It is the vendor's responsibility to manufacture their items to comply with all applicable laws and in conformance with the purchase order terms and conditions.

Key:

\*Additional Charge For This Test

\*\*Mandatory Requirement

**GENERAL CONFORMITY CERTIFICATE  
FOR  
CONSUMER PRODUCT SAFETY IMPROVEMENT ACT**

---

December 23, 2013

Page 1 of 1

**US IMPORTER/DOMSTIC MANUFACTURER**

COSTCO WHOLESALE

999 LAKE DRIVE, ISSAQUAH, WA 98027,  
USA

TEL NO.: 1-425-313-8100

**PERSON MAINTAINING RECORDS**

ALEX LIU

LIFETIME PLASTIC PRODUCT LTD.

NO. 568 SHANBAIN ROAD, DONGFU TOWN,  
HAICANG DISTRICT, XIAMEN, FUJIAN PROVINCE,  
CHINA

TEL NO.: 86-0592-6366-859

EMAIL: aliu@lifetime.com

Sample Description: LIFETIME 6' FOLDING TABLE

Manufacturer: LIFETIME PLASTIC PRODUCT LTD.

Place of Manufacture: CHINA/FUJIAN,XIAMEN

Country of Origin: CHINA

Place of Testing: MTS DG LIMITED: GUANGDONG CHINA

Date of Submission DEC/16/2013

Date of Manufacture DEC/01/2013--MAY/31/2014

Reference No.: 63113-09527

Style No(S): 238397

Date of Testing: December 23, 2013

I (we) hereby certify that the product contained within this shipment complies with all applicable rules, bans, regulations and standards enforced by the CPSC.

The following rules, bans, standards and regulations apply for this product:

Products	Law/ Act	Federal Regulations Title 16 CFR Part No./Section No.
Total Lead in Paint and Surface Coating (16 CFR 1303)	CPSA	16 CFR 1303

Notes:

- CPSA – Consumer Product Safety Act
- CPSIA – Consumer Product Safety Improvement Act