



REPORT

Technical Report: (8514)310-0692
(Revised)

Page 1 of 10
NOV 25, 2014

P.O. Number: /
LTD Code: H4L-LVS



Bureau Veritas Shenzhen Co., Ltd

4/F, Block B, Minlida Industrial Building,
4th Zone Of Honghualing Industrial Park,
Xili Town, Nanshan District, Shenzhen,
Guangdong, P.R.C.

Tel:86-755-86000151 fax: 86-755-86000159

www.bureauveritas.com/cps

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.cps.bureauveritas.com> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



**BUREAU
VERITAS**

Technical Report: (8514)310-0692(Revised)

Date Received: NOV 07, 2014

Date: NOV 25, 2014

Date Revised: DEC 05, 2014

Page 2 of 10

MOD. LOG IN: NOV 17, 2014

Working Days: 7

LTD COMMODITIES, INC.
2800 LAKESIDE DRIVE
BANNOCKBURN, IL 60015

Sample Description:	HAIR CHARM CLIPS S/4 LEAVES, HAIR CHARM CLIPS S/4 CROSSES
Vendor:	ORIENTAL TIME INDUSTRIAL CO., LIMITED
Manufacturer:	ORIENTAL TIME INDUSTRIAL CO., LIMITED
LTD Buyer / QA:	/
Labeled Age Grade:	NOT PRESENT
Appropriate Age Grade:	N/A (ADULT)
Client Specified Age Grade:	NOT SPECIFIED
Tested Age Grade:	ADULT
UPC Code:	/
Children's Item:	/
Sample Size:	20 SETS
Style No(s):	/
SKN/SKU No.:	/
PO No.:	/
Ref #:	/
Country of Origin:	CHINA
Assortment No.:	/
Product Phase:	/
Protocol No.:	/



**BUREAU
VERITAS**

RESULTS: PASS

EXECUTIVE SUMMARY:

The test results are listed as follows:

Evaluation	Citation / Method	Criteria	Results	Rating
Total lead content in surface coatings	CPSC-CH-E1003-09.1 / CPSD-AN-00001-MTHD	All accessible surface coatings in the as received state on items outside of the scope of 16 CFR 1303 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. Report actual results or include data table within 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. Client Requirement	NA NO SURFACE COATING	/
17. Total lead content in jewelry	California Law, Health and Safety Codes section 25214.1-25214.4.2 / EPA 3050B modified / EPA 3051A modified / EPA 3052 modified / CPSD-AN-00108-MTHD	[Jewelry] Product shall be made entirely from Class 1, Class 2, and/or Class 3 materials. Class 1 a. Stainless or surgical steels, karat gold; sterling silver; platinum group metals, pearl, glass, ceramic, crystal and certain gemstone (excluding aragonite, bayldonite, boleite, cerussite, crocoite, ekanite, linarite, mimetite, phosgenite, samarskite, vanadinite and wulfenite) b. Natural decorative materials (bone, feathers, leather, shell, wood, etc), elastic, fabric, ribbon, rope, and string with no intentionally added (less than 200 ppm) lead c. Adhesives Class 2 a. Electroplated metal alloys with less than 6% lead (electroplated process not evaluated) b. Unplated metal with less than 15000 ppm (1.5% by weight) lead that is not a Class 1 component c. Plastic or rubber with less than 200 ppm (0.02% by weight) lead d. Dyes or surface coatings with less than 600 ppm (0.06% by weight) lead Class 3 a. If not Class 1 or Class 2, and contain	M SEE TABLE01	PASS



**BUREAU
VERITAS**

RESULTS: PASS

		<p>less than 600 ppm (0.06% by weight) lead. BVCPS recommend all products shall provide documentation or material bill for material identification. Products must comply with the material and lead requirements. Note: - Including anklet, arm cuff, bracelet, brooch, chain, crown, cuff link, hair accessories, earring, necklace, pin, ring, tie clip, ornamental watches, jewelry placed in the mouth that are NOT for first time body piercing or children's jewelry; detachable jewelry on clothing and footwear (such as charms). - Both accessible and inaccessible materials should be tested. - For component test together with CPSIA, composite up to 3 colors / like materials (except metals) is allowed, transfer the CPSIA result here for compliance.</p>		
21. Total lead content in jewelry	Alameda Superior Court, RG-04-162075 / EPA 3050B modified / EPA 3051A modified / EPA 3052 modified / CPSD-AN-00108-MTHD	<p>[Jewelry] Product shall be made entirely from Class 1, Class 2, and/or Class 3 materials. Class 1 a. Stainless or surgical steels, karat gold; sterling silver; platinum group metals, pearl, glass, ceramic, crystal and certain gemstone (excluding aragonite, bayldonite, boleite, cerussite, crocoite, ekanite, linarite, mimetite, phosgenite, samarskite, vanadinite and wulfenite) b. Natural decorative materials (bone, feathers, leather, shell, wood, etc), elastic, fabric, ribbon, rope, and string with no intentionally added (less than 200 ppm) lead c. Adhesives Class 2 a. Electroplated metal alloys with less than 6% lead (electroplated process not evaluated) b. Unplated metal with less than 15000 ppm (1.5% by weight) lead that is not a Class 1 component c. Plastic or rubber with less than 200 ppm (0.02% by weight) lead d. Dyes or surface coatings with less than 600 ppm (0.06% by weight) lead Class 3</p>	M SEE TABLE01	PASS



**BUREAU
VERITAS**

RESULTS: PASS

		<p>a. If not Class 1 or Class 2, and contain less than 600 ppm (0.06% by weight) lead. BVCPS recommend all products shall provide documentation or material bill for material identification. Labeling is not allowed by the Consent Judgment. Products must comply with the material and lead requirements. Note: - Including anklet, arm cuff, bracelet, brooch, chain, crown, cuff link, decorated hair accessories, earring, necklace, pin and ring. - Both accessible and inaccessible materials should be tested. - For component test together with CPSIA, composite up to 3 colors / like materials (except metals) is allowed, transfer the CPSIA result here for compliance.</p>		
<p>24. Total cadmium content in jewelry</p>	<p>Alameda Superior Court, RG-10-514803 / EPA 3050B modified / EPA 3051A modified / EPA 3052 modified / CPSD-AN-00108-MTHD</p>	<p>[Jewelry] Product shall not exceed 300 ppm (0.03%) total cadmium content. BVCPS recommend all products shall provide documentation or material bill for material identification. Labeling is not allowed by the Consent Judgment. Reformulation of product is required. Products must comply with the cadmium requirements. Note: - Including all type of jewelry. - Both accessible and inaccessible materials should be tested. - Including anklets, arm cuffs, bracelets, charms, brooches, chains, crowns, cuff links, ornamental watches (excluding the timepiece itself if removeable), decorated hair accessories, earrings, necklaces, pins, rings; similar clothing or shoe ornaments which are detachable; and body piercing jewelry or any bead, chain, link, pendant, or other component of such an ornament. - Cubic zirconia, glass, rhinestones, and ceramic materials of jewelry for children over age 6 are exempt. - Actual testing will be conducted on all substrates, plasticizer print and scrapable surface coatings, except stainless or surgical steels, karat gold; sterling silver; platinum group metals,</p>	<p>M SEE TABLE02</p>	<p>PASS</p>



**BUREAU
VERITAS**

RESULTS: PASS

		<p>pearl, certain gemstone (excluding aragonite, bayldonite, boleite, cerussite, crocoite, ekanite, linarite, mimetite, phosgenite, samarskite, vanadinite and wulfenite), and adhesives. - Vendor is responsible for compliance of these materials.</p>		
25. Total lead content in jewelry	<p>Alameda Superior Court, RG 10-545680 and RG 10-545687 / EPA 3050B modified / EPA 3051A modified / EPA 3052 modified / CPSD-AN-00108-MTHD</p>	<p>[Jewelry] Components shall comply with the following limits (a) and (b): a. Paints and surface coatings shall not exceed 90 ppm (0.009%) total lead content. b. Substrates shall not exceed 200 ppm (0.020%) total lead content. BVCPS recommend all products shall provide documentation or material bill for material identification. Labeling is not allowed by the Consent Judgment. Products must comply with the lead requirements. Note: - Including anklets, arm cuffs, bracelets, charms, brooches, chains, crowns, cuff links, ornamental watches (excluding the timepiece itself if removeable), decorated hair accessories, earrings, necklaces, pins, rings; similar clothing or shoe ornaments which are detachable; and body piercing jewelry or any bead, chain, link, pendant, or other component of such an ornament. - Both accessible and inaccessible materials should be tested. - For component test together with CPSIA, composite up to 3 colors / like materials (except metals) is allowed, transfer the CPSIA result here for compliance - Non-suspect materials, except leather, as defined by the Consumer Products Safety Commission in 16 CFR 1500.91 (d) and (e) will not be tested. Vendor is responsible for compliance of these materials.</p>	<p>M SEE TABLE03</p>	<p>PASS</p>
28. Phthalates content in key chains and jewelry	<p>San Francisco Superior Court, CGC-10-497729 and CGC-10-498981 / Solvent extraction,</p>	<p>[Key Chains and Jewelry] Product shall not contain more than 0.1% (1000 ppm) of each of DEHP, BBP, DBP. Labeling is not allowed by the Consent judgment. Note: - Applicable to all accessible PVC, soft plastic, vinyl, and synthetic leather</p>	<p>NA NO APPLICABLE MATERIAL, PLASTIC IS HARD PLASTIC</p>	<p>/</p>



**BUREAU
VERITAS**

RESULTS: PASS

	GC-MS/LC-MS analysis / CPSD-AN-00108-MTHD	substrates on jewelries, key holders, key chains and key caps. - Refer to Total lead content in jewelry test line for definition of Jewelry. - Excluding products that are primarily intended for children 12 years of age and younger. - Soft plastic is defined as plastic materials with shore A hardness < 90. - The main plastic material of products that are marketed as vinyl will be tested. - BVCPS recommend all products shall provide documentation or material bill for material identification. If documentation is not provided the Beilstein test will be conducted on all hard plastic substrates to confirm the presence of PVC. - Vendor is responsible for compliance of all other vinyl materials.		
--	---	--	--	--

TABLE 01

TOTAL LEAD CONTENT IN JEWELRY – CLASS 1, 2 & 3 COMPONENTS:

Element:						Lead		
Test Method:								
1) Metal – US CPSC Standard Operating Procedure for determining Lead (Pb) and its Availability in adult’s Metal Jewelry, 2/3/2005								
2) Non-metal – EPA SW-846 3051								
3) Surface coating – with reference to ASTM E1645								
Sample Description					Maximum Allowable Limit	Result mg/kg (ppm)	Conclusion	
Sample Description			Material Type	Class				
	Component	Location			Style			
1.	Silvery plated metal	Clip	A~D	Electroplated metal	2	6% (60000ppm)	38	PASS
2.	Silvery plated metal	Big connect or ring	A.B. D	Electroplated metal	2	6% (60000ppm)	28	PASS
3.	Silvery plated metal	Chain	A.B. D	Electroplated metal	2	6% (60000ppm)	18	PASS
4.	Silvery plated metal	Small connect or ring	A~D	Electroplated metal	2	6% (60000ppm)	44	PASS
5.	Silvery plated metal	Leaf	A.B	Electroplated metal	2	6% (60000ppm)	25	PASS
6.	Silvery plated metal	Chain	C	Electroplated metal	2	6% (60000ppm)	18	PASS



**BUREAU
VERITAS**

RESULTS: PASS

7.	Silvery plated metal	Cross	D	Electroplated metal	2	6% (60000ppm)	53	PASS
8.	Silvery plated metal	Metal stick	C	Electroplated metal	2	6% (60000ppm)	41	PASS
9.	Silvery plated metal	Fastener	C	Electroplated metal	2	6% (60000ppm)	<10	PASS
10.	Clear plastic	Beads	B.C	Plastic	2	0.0200% (200ppm)	<10	PASS

TABLE 02

TOTAL CADMIUM CONTENT IN JEWELRY

Element:					Cadmium	
Sample Description				Maximum Allowable Limit	Result	Conclusion
Component	Location	Style	mg/kg (ppm)			
1.	Silvery plated metal	Clip	A~D	0.0300% (300ppm)	<10	PASS
2.	Silvery plated metal	Big connector ring	A.B.D	0.0300% (300ppm)	<10	PASS
3.	Silvery plated metal	Chain	A.B.D	0.0300% (300ppm)	<10	PASS
4.	Silvery plated metal	Small connector ring	A~D	0.0300% (300ppm)	<10	PASS
5.	Silvery plated metal	Leaf	A.B	0.0300% (300ppm)	<10	PASS
6.	Silvery plated metal	Chain	C	0.0300% (300ppm)	<10	PASS
7.	Silvery plated metal	Cross	D	0.0300% (300ppm)	21	PASS
8.	Silvery plated metal	Metal stick	C	0.0300% (300ppm)	<10	PASS
9.	Silvery plated metal	Fastener	C	0.0300% (300ppm)	<10	PASS
10.	Clear plastic	Beads	B.C	0.0300% (300ppm)	<10	PASS



**BUREAU
VERITAS**

RESULTS: PASS

TABLE 03

TOTAL LEAD CONTENT IN JEWELRY

Element:						Lead	Conclusion
Sample Description					Maximum Allowable Limit	Result	
Component	Location	Style	Material Type	mg/kg (ppm)			
1	Silvery plated metal	Clip	A~D	Substrate	0.0200% (200ppm);	38	PASS
2	Silvery plated metal	Big connector ring	A.B.D	Substrate	0.0200% (200ppm);	28	PASS
3	Silvery plated metal	Chain	A.B.D	Substrate	0.0200% (200ppm);	18	PASS
4	Silvery plated metal	Small connector ring	A~D	Substrate	0.0200% (200ppm);	44	PASS
5	Silvery plated metal	Leaf	A.B	Substrate	0.0200% (200ppm);	25	PASS
6	Silvery plated metal	Chain	C	Substrate	0.0200% (200ppm);	18	PASS
7	Silvery plated metal	Cross	D	Substrate	0.0200% (200ppm);	53	PASS
8	Silvery plated metal	Metal stick	C	Substrate	0.0200% (200ppm);	41	PASS
9	Silvery plated metal	Fastener	C	Substrate	0.0200% (200ppm);	<10	PASS
10	Clear plastic	Beads	B.C	Substrate	0.0200% (200ppm);	<10	PASS

REMARK(S):

1. No protocol is enclosed with this report.
2. As per the request, only the following test(s) was conducted in this test report:
 - CA Prop 6572 US test
 - Lead in surface coating test



RESULTS: PASS

If there are questions regarding above report, please contact the appropriate lab personnel.

Technical questions, please contact: David Di / Cherry Shi
(86)755-32980235 / 32980233
David.di@cn.bureauveritas.com
Cherry.shi@cn.bureauveritas.com

Administrative questions, please contact: Fiona Qian / Vikki Zhu
(+86)755-32980230 / 32980237
Fiona.qian@cn.bureauveritas.com
Vikki.hu@cn.bureauveritas.com

BUREAU VERITAS SHENZHEN CO., LTD

JASON WONG
MANAGER – HARDLINES DIVISION

cc: STACEY RACZEK, LTD COMMODITIES, LLC