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BESTSUB TECHNOLOGIES CO., LTD RM810 EXCHANGE SQUARE, NO268 DONGFENG ZHONG ROAD, YUEXIU DISTRICT, GUANGZHOU 510030 CHINA

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : FASHION BRACELET (01, 02, 03)

SGS Ref No. : CAN13-151204

Client Reference Information : Style / Item No.: SL01, SL02, SL03

Test Performed : Selected test(s) as requested by applicant

Sample Receiving Date : Sep 26, 2013

Test Performing Date : Sep 26, 2013 to Oct 16, 2013

Test Result(s) : For further details, please refer to the following page(s)

Test Requested	Result
To determine the Cadmium (Cd) & Lead (Pb) content(s) in the submitted sample(s).	Refer to next page(s)
To determine Phthalates(DBP, BBP, DEHP, DINP, DNOP, DIDP) content(s) in the submitted sample(s).	Refer to next page(s)
To determine the release of Nickel(Ni) content in the submitted sample(s) in accordance with the Entry 27 of Regulation (EC) No. 552/2009 amending Annex XVII of REACH Regulation (EC) No. 1907/2006 (previously restricted under Directive 94/27/EC & 2004/96/EC).	FAIL

Signed for and on behalf of SGS-CSTC Ltd

Yan Lau

Approved Signatory

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Test Results:

Test Part Description:

SGS Sample ID	Description
CAN13-151204.001	Silvery plated metal (chain)
CAN13-151204.002	Silvery plated metal bead (bracelet,semi-product)
CAN13-151204.003	Silvery plated metal(clasp,semi-product)
CAN13-151204.004	Silvery plated metal ring("O"-ring,semi-product)
CAN13-151204.005	Silvery plated metal (connector,semi-product)
CAN13-151204.006	Silvery plated metal chain(short chain)
CAN13-151204.007	Transparent soft plastic rope(bracelet)
	CAN13-151204.001 CAN13-151204.002 CAN13-151204.003 CAN13-151204.004 CAN13-151204.005 CAN13-151204.006

Remarks:

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Cadmium (Cd) & Lead (Pb)

A. Test Method: With reference to US EPA Method 3050B:1996, analysis was performed by ICP-OES.

Test Item(s)	<u>Unit</u>	MDL	<u>001</u>	<u>002</u>	<u>003</u>
Cadmium (Cd)	mg/kg	5	20	41	ND
Lead (Pb)	mg/kg	10	113	40087	36
Test Item(s)	<u>Unit</u>	<u>MDL</u>	<u>004</u>	<u>005</u>	<u>006</u>
Cadmium (Cd)	mg/kg	5	ND	ND	ND
Lead (Pb)	mg/kg	10	ND	ND	ND

B. Test Method: With reference to US EPA Method 3052:1996, analysis was performed by ICP-OES.

Test Item(s)	<u>Unit</u>	<u>MDL</u>	<u>007</u>
Cadmium (Cd)	mg/kg	5	ND
Lead (Pb)	mg/kg	10	ND

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Phthalate

Test Method: With reference to EN 14372: 2004, analysis was performed by GC-MS.

Test Item(s)	CAS NO.	<u>Unit</u>	<u>MDL</u>	<u>007</u>
Dibutyl Phthalate (DBP)	84-74-2	%(W/W)	0.003	ND
Benzylbutyl Phthalate (BBP)	85-68-7	%(W/W)	0.003	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	%(W/W)	0.003	0.008
Diisononyl Phthalate (DINP)	28553-12-0 / 68515-48-0	%(W/W)	0.010	ND
Di-n-octyl Phthalate (DNOP)	117-84-0	%(W/W)	0.003	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 / 68515-49-1	%(W/W)	0.010	ND

Entry 27 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 94/27/EC and 2004/96/EC)- Nickel release

Test Method: As specified in EN 1811: 2011+ AC:2012, Analysis was performed by ICP-OES.

Test Item(s)	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Sample Area	-	sq. cm	-	14.36
Volume of Test Solution	-	ml	-	14.36
Spot Test	-	-	-	Positive
Nickel Release - Trial 1	0.50	μg/sq. cm/week	0.10	ND
Nickel Release - Trial 2	0.50	μg/sq. cm/week	0.10	ND
Nickel Release - Trial 3	0.50	μg/sq. cm/week	0.10	ND
Conclusion				PASS
Test Item(s)	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>002</u>
Sample Area	-	sq. cm	-	2.30
Volume of Test Solution	-	ml	-	2.30
Spot Test	-	-	-	Negative

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Nickel Release - Trial 1	0.50	μg/sq. cm/week	0.10	1.80#	
Nickel Release - Trial 2	0.50	μg/sq. cm/week	0.10	1.90#	
Nickel Release - Trial 3	0.50	μg/sq. cm/week	0.10	0.60*	
Conclusion				FAIL	
Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>003</u>	
Sample Area	<u>=</u>	sq. cm	-	4.20	
Volume of Test Solution	-	ml	-	4.20	
Spot Test	-	-	-	Negative	
Nickel Release - Trial 1	0.50	μg/sq. cm/week	0.10	ND	
Nickel Release - Trial 2	0.50	μg/sq. cm/week	0.10	ND	
Nickel Release - Trial 3	0.50	μg/sq. cm/week	0.10	ND	
Conclusion				PASS	
Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	004	
Sample Area	-	sq. cm	-	2.24	
Volume of Test Solution	-	ml	-	2.24	
Spot Test	-	-	-	Negative	
Nickel Release - Trial 1	0.50	μg/sq. cm/week	0.10	ND	
Nickel Release - Trial 2	0.50	μg/sq. cm/week	0.10	0.13	
Nickel Release - Trial 3	0.50	μg/sq. cm/week	0.10	0.10	
Conclusion				PASS	
Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>005</u>	
Sample Area	-	sq. cm	-	5.60	
Volume of Test Solution	-	ml	-	5.60	
Spot Test	-	-	-	Negative	
Nickel Release - Trial 1	0.50	μg/sq. cm/week	0.10	ND	
Nickel Release - Trial 2	0.50	μg/sq. cm/week	0.10	ND	

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Nickel Release - Trial 3	0.50	μg/sq. cm/week	0.10	ND
Conclusion		CITI/ WEEK		PASS
Test Item(s) Sample Area Volume of Test Solution	<u>Limit</u> - -	<u>Unit</u> sq. cm ml	<u>MDL</u> - -	006 1.47 1.47
Spot Test	-	-	-	Negative
Nickel Release - Trial 1	0.50	μg/sq. cm/week	0.10	ND
Nickel Release - Trial 2	0.50	μg/sq. cm/week	0.10	ND
Nickel Release - Trial 3	0.50	μg/sq. cm/week	0.10	ND
Conclusion				PASS

Notes:

- (1) Max. limit specified by entry 27 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 94/27/EC and 2004/96/EC).
- (2) As Nickel is found to be positive/negative by CR 12471:2002, simulation of wear and corrosion by the EN 12472:2005 + A1:2009 is performed.
- (3) # = Exceed the limit.

Comments are given according to Annex A of EN1811:2011 as below:

Type of sample	Nickel Release (µg/cm²/week)				
, ype or camp.c	PASS	NO CLEAR DECISION*	FAIL		
Article with Nickel release limit of 0.5µg/cm²/week	≤ 0.28	>0.28 and <0.88	≥ 0.88		
Article with Nickel release limit of 0.2µg/cm²/week	≤ 0.11	>0.11 and <0.35	≥ 0.35		

^{*} No clear decision = Inconclusive

Remark: 1. The applicant states products entitled as following style/item no.SL01, SL02, SL03 are identical to test sample.

2. This test report is to supersede test report number GZHG1309035312OT.

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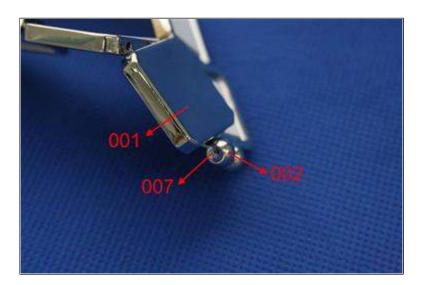
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Sample photo:



Product Photo



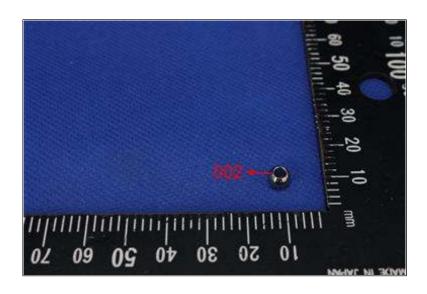
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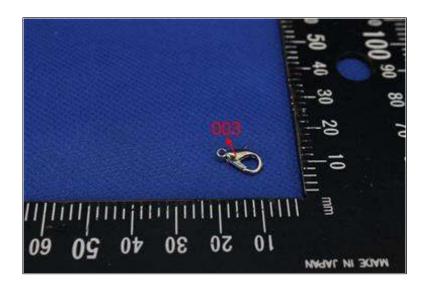
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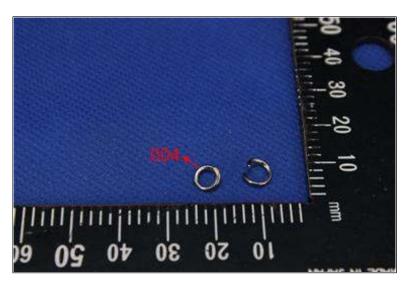
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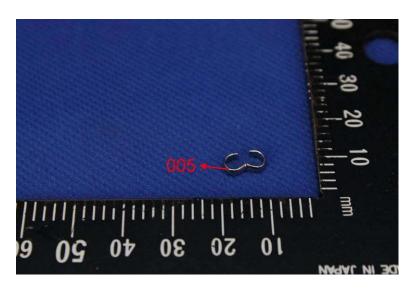
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