

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 : EAR RING (EH03TRIANGLE, EH02TEARDROP, EH01 ROUND)  
 SGS Ref No. : CAN14-031258  
 Client Reference Information : Style / Item No.:EH01 , EH02 , EH03  
 Test Performed : Selected test(s) as requested by applicant  
 Sample Receiving Date : Mar 14, 2014  
 Test Performing Date : Mar 14, 2014 to Mar 27, 2014  
 Test Result(s) : For further details, please refer to the following page(s)

Test Requested	Result
Determination of Lead (Pb) content in the submitted sample(s) with reference to Commission Regulation (EU) No 836/2012 amending Annex XVII to REACH Regulation (EC) No 1907/2006 (Entry 63 of Annex XVII to Regulation (EC) No 1907/2006).	PASS
To determine the Cadmium Content in the selected part(s) of submitted sample(s) with reference to Commission Regulation (EU) No 835/2012 amending Annex XVII of REACH Regulation (EC) No 1907/2006.	PASS
To determine Phthalates(DBP, BBP, DEHP, DINP, DNOP, DIDP) in the submitted sample(s) with reference to the Entry 51/52 of Regulation (EC) No. 552/2009 amending Annex XVII of REACH Regulation (EC) No. 1907/2006 (previously restricted under Directive 2005/84/EC).	PASS
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).	PASS

Signed for and on behalf of  
 SGS-CSTC Ltd.



Yan Lau  
 Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN14-031258.001	Silvery metal(pendant)
SN2	CAN14-031258.002	Translucent double-side adhesive sheet

Remarks :

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

### Lead (Pb)

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

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Lead (Pb)	500	mg/kg	2	99

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

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>002</u>
Lead (Pb)	500	mg/kg	2	ND

### Commission Regulation (EU) No 835/2012 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Total Cadmium Content

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

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Cadmium (Cd)	100	mg/kg	5	25

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



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Test Item(s)	Limit	Unit	MDL	002
Cadmium (Cd)	100	mg/kg	5	ND

**Entry 51 & 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC)**

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

Test Item(s)	CAS NO.	Limit	Unit	MDL	002
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	ND
Total (DBP+BBP+DEHP)		0.1	%(w/w)	-	ND
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
Total (DINP+DNOP+DIDP)		0.1	%(w/w)	-	ND

Notes :

European Parliament adopted new phthalate Entry 51 & 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC);

(1-1) DBP, BBP and DEHP are totally banned for use in any toys on childcare articles where their concentration exceeds 0.1% by mass.

(1-2) DINP, DNOP, DIDP are totally banned for use in toys and childcare articles that can be mouthed where their concentration exceeds 0.1% by mass.

**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)	Limit	Unit	MDL	001
Sample Area	-	cm <sup>2</sup>	-	8.72



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Volume of Test Solution	-	mL	-	8.72
Nickel Release - Trial 1	0.50	µg/cm <sup>2</sup> /week	0.10	ND
Nickel Release - Trial 2	0.50	µg/cm <sup>2</sup> /week	0.10	ND
Nickel Release - Trial 3	0.50	µg/cm <sup>2</sup> /week	0.10	0.16

**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).

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

Type of sample	Nickel Release (µg/cm <sup>2</sup> /week)		
	PASS	NO CLEAR DECISION*	FAIL
Article with Nickel release limit of 0.5µg/cm <sup>2</sup> /week	≤ 0.28	>0.28 and <0.88	≥ 0.88
Article with Nickel release limit of 0.2µg/cm <sup>2</sup> /week	≤ 0.11	>0.11 and <0.35	≥ 0.35

\* No clear decision = Inconclusive



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Sample photo:



Product photo



Product photo

\*\*\*End of Report\*\*\*



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