

Test Report No. 5486624

Date : 10-Feb-2023

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**Client : PHOENIX MANUFACTURING CO.,LTD.
70/3, 70/4 MOO 15, POOCHAO SAMING PRAI RD.,
BANG YA PHRAEK, PHRA PRADAENG, SAMUTPRAKAN 10130 THAILAND**

The following sample(s) was/were submitted and identified by client as:

Sample Name : Silver Snake Stud Earrings - 10019081
Sample Description : Silver Stud Earrings
Part No. : ES-21048-SPE
Manufacturer/Vendor : Phonenix Manufacturing
Country of Origin : Thailand
Country of Destination : Thailand

The following sample(s) was/were identified by SGS as:

SGS Sample No. : 5739037
Sample Condition : Sample is contained in a plastic bag.
Quantity Submitted : 6 prs
Sample Receiving Date : 30-Jan-2023
Testing Period : 30-Jan-2023 to 10-Feb-2023

Test Method & Results : Please refer to next page(s).

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Test Requested & Result Summary

Test Requested : Please refer to the result summary (Test parameter(s) was/were selected by client).

Result Summary:

Test Requested	Conclusion
(1) ASTM F2923-14 Consumer Product Safety for Children's Jewelry	--
1.1 Total lead content in substrate materials#	PASS
1.2 Total cadmium content in metal or plastic / polymeric materials#	PASS
(2) US California Proposition 65- Total Lead Cotent	PASS
Product type : jewelry for children#	
(3) US California Proposition 65- Total Cadmium Content	PASS
Product type : jewelry for children#	
(4) Entry 27 of Regulation (EC) No 552/2009 amending Annex XVII of REACH	PASS
Regulation (EC) No 1907/2006 (previously restricted under Directive 94/27/EC & 2004/96/EC) - Nickel release##	

Remark:

1. Test results in this report are applicable for the item tested and reflects the tested sample as received.
2. # ; The decision rules based on simple acceptance which the probability of false accept may be as high as 50% in case the results is exactly on the tolerance limit.
3. ## : The decision rules based on the requested specification or standard.

**Signed for and on behalf of
SGS (Thailand) Ltd.**



**Rutchuporn Mounksom
Laboratory manager - Toy and Hard goods**

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TEST RESULTS

(1) ASTM F2923-14 Clause 5 Lead in Children's Jewelry

1.1 Lead in accessible substrate materials**

Test Method (metal materials): With reference to CPSC-CH-E1001-08.3. Analysis was performed by ICP-OES.

Test Item	Result (1) (mg/kg)	Result (2) (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Lead (Pb)	ND	ND	50	100
Conclusion	PASS	PASS	--	--

Sample Description :

1. Metal silver snake stud
2. Metal silver post

Note :

1. ND.= Not Detected
2. mg/kg = milligram per kilogram
3. The tested components were specified by client.

Remark: The test item(s) marked ** on test report is/are analyzed at SGS (Thailand) Limited, address: 10, 10/1 - 4 and 12 Soi Rama III S. 59, Chong Nonsi, Yan Nawa, Bangkok but not included in the NSC-ONSC accreditation scope.

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TEST RESULTS

1.2 Total cadmium content in metal or plastic / polymeric materials**

Test Method (metal materials): With reference to CPSC-CH-E1001-08.3. Analysis was performed by ICP-OES.

Test Item	Result (1) (mg/kg)	Result (2) (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Cadmium (Cd)	ND	ND	50	300
Comment	PASS	PASS	--	--

Sample Description :

1. Metal silver snake stud
2. Metal silver post

- Note:
1. mg/kg = milligram per kilogram
 2. ND = Not Detected
 3. The tested components were specified by client.

Remark: The test item(s) marked ** on test report is/are analyzed at SGS (Thailand) Limited, address: 10, 10/1 - 4 and 12 Soi Rama III S. 59, Chong Nonsi, Yan Nawa, Bangkok but not included in the NSC-ONSC accreditation scope.

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TEST RESULTS

(2) Total Lead Content for accessible substrate***

Test Method : With reference to CPSC Test Method : CPSC-CH-E1001-08.3. Analysis was performed by ICP-OES.

Test Item	Result (1) (mg/kg)	Result (2) (mg/kg)	Reporting Limit (mg/kg)	Reference Limit (mg/kg)
Lead (Pb)	ND	ND	50	100
Conclusion	PASS	PASS	--	--

Sample Description :

1. Metal silver snake stud
2. Metal silver post

Note:

1. ND = not detected
2. 0.1% = 1000 mg/kg

Remark:

The limit is referenced to the requirement stated in the County of Alameda Court Case No. RG 04-162075

The reference limit applied in testing is based on particular prop 65 settlements that are most similar to the tested product in the opinion of the lab. The testing in this report does not reflect a user's actual exposure to the tested chemical.

A manufacturer or retailer that is not named in the referenced settlement is not bound by that settlement, and may choose to comply with Proposition 65 by clearly informing the consumer of potential exposure.

Remark: The test item(s) marked *** on test report is/are analyzed at SGS (Thailand) Limited, address: 10, 10/1 - 4 and 12 Soi Rama III S. 59, Chong Nonsi, Yan Nawa, Bangkok.

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TEST RESULTS

(3) Total Cadmium Content**

Test Method : With reference to CPSC Test Method: CPSC-CH-E1001-08.3. Analysis was performed by ICP-OES.

Test Item	Result (1) (mg/kg)	Result (2) (mg/kg)	Reporting limit (mg/kg)	Reference Limit (mg/kg)
Cadmium (Cd)	ND	ND	50	300
Conclusion	PASS	PASS	--	--

Sample Description :

1. Metal silver snake stud
2. Metal silver post

Note:

1. ND = not detected
2. 0.1% = 1000 mg/kg

Remark:

1. The limit is referenced to the cadmium requirement for children's jewelry, as stated in Senate Bill No. 929.
2. The test item(s) marked ** on test report is/are analyzed at SGS (Thailand) Limited, address: 10, 10/1 - 4 and 12 Soi Rama III S. 59, Chong Nonsi, Yan Nawa, Bangkok but not included in the NSC-ONSC accreditation scope.

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TEST RESULTS

(4) Nickel Release***

Test Method: EN 1811:2011+A1:2015. Analysis was performed by ICP-MS.

	CAS-No.	Result (1)# (ug/cm2/week)	Result (2)# (ug/cm2/week)
Sample Area (cm2)	-	2.69	0.56
Volume of Test Solution (ml)	-	5	5
Nickel Release - Trial 1 - Measurement 1	-	n.d.	n.d.
Nickel Release - Trial 1 - Measurement 2	-	n.d.	n.d.
Nickel Release - Trial 2 - Measurement 1	-	n.d.	n.d.
Nickel Release - Trial 2 - Measurement 2	-	n.d.	n.d.
Nickel Release - Trial 3 - Measurement 1	-	n.d.	n.d.
Nickel Release - Trial 3 - Measurement 2	-	n.d.	n.d.
Conclusion	-	PASS	PASS

Sample Description :

1. Metal silver snake stud
2. Metal silver post

Note:

1. ug/cm2/week = microgram per square centimeter per week
2. n.d.= Not detected
3. # = Negative finding by Nickel spot test is observed based on CR 12471:2002 Clause 5.3.4. Simulation of wear and corrosion according to EN 12472:2005+A1:2009 has been applied prior to the EN 1811:2011+A1:2015.
4. Detection Limit = 0.1 ug/cm2/week
5. The test item(s) marked *** on test report is/are analyzed at SGS (Thailand) Limited, address: 10, 10/1 - 4 and 12 Soi Rama III S. 59, Chong Nonsi, Yan Nawa, Bangkok.

Recommend Max. Limit:

- Non-body piercing article 0.5 ug/cm2/week
Body piercing article 0.2 ug/cm2/week

Remark: 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).

According to the Commission Communication 2016/C 014/04, published in the OJEU, the EN 1811:2011+A1:2015 is adopted as the harmonised standards under entry 27 of Annex XVII to REACH starting from 15 January 2016.

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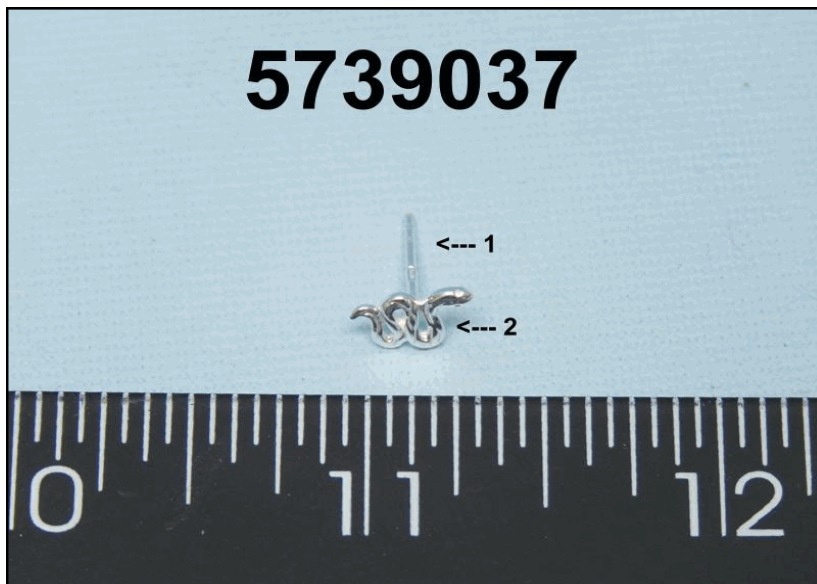
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SAMPLE/ATTACHMENT PICTURE



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

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