

Report No.: CTT141131729EN

Date: Dec. 01, 2014

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Client: EWELINA WALECKA RESTYLE

Address: GARWOLINSKA 85 08-110 SIEDLCE MAZOWIECKIE POLAND

The following merchandise was (were) submitted and identified by client as:

Sample Name: Hairclip  
Model No.: 14701031  
P/O No.: Ewelina20140701  
Exported to: Poland  
Country of Origin: China  
Sample Received Date: Nov. 21, 2014  
Completed Date: Dec. 01, 2014

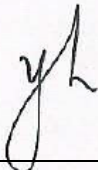
Test Requested: Inspect Total lead (Pb), Total cadmium (Cd), Nickel Release content in the submitted samples.

Test Result(s): Please refer to next page(s).

### Conclusion(s):

1. The result of test on material/part assigned by applicant of the submitted sample **MEETS** requirements on the total lead (Pb) in Annex XVII items 63 of the REACH Regulation (EC) No 1907/2006 & amended (EU) No 836/2012.
2. The result of test on material/part assigned by applicant of the submitted sample **MEETS** requirements on total cadmium (Cd) in Annex XVII items 23 of the REACH Regulation (EC) No 1907/2006 & COMMISSION REGULATION (EU) No 494/2011.
3. The result of test on material/part assigned by applicant of the submitted sample **MEETS** requirements on nickel release in Annex XVII items 27 of the REACH Regulation (EC) No 1907/2006 & amended (EC) No. 552/2009 (Namely former Directive 94/27/EC ).

Signed for and on Behalf of CTT



Yuhu / Lab supervisor

Consumer Testing Technology Co., Ltd.

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**Test Result(s): Total lead (Pb)**

REACH – Lead content in any individual part of jewellery articles

Method:

Metal – With reference to EPA 3050B (modified)

Nonmetal – With reference to EPA 3051(modified) or EPA 3052(modified)

Surface coating – With reference to ASTM E1645, was analyzed by flame atomic absorption spectrometry (AAS) or Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Material No.	Description	Location	Limit (mg/kg)	Result (mg/kg)	Conclusion
1	Ancient copper plating metal	Butterfly	500	45	PASS

**Note:**

1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (< RL).
3. RL (Report Limit) = 10mg/kg.
4. Jewellery articles shall include jewellery and imitation jewellery articles and hair accessories, including:
  - a) bracelets, necklaces and rings.
  - b) piercing jewellery.
  - c) wrist watches and wrist-wear; brooches and cufflinks.
5. Jewellery articles shall not apply to the following materials:
  - a) crystal glass as defined in Annex I (categories 1, 2, 3 and 4) to Council Directive 69/493/EEC.
  - b) internal components of watch timepieces inaccessible to consumers.
  - c) non-synthetic or reconstructed precious and semiprecious stones (CN code 7103, as established by Regulation (EEC) No 2658/87), unless they have been treated with lead or its compounds or mixtures containing these substances.
  - d) enamels, defined as vitrifiable mixtures resulting from the fusion, vitrification or sintering of minerals melted at a temperature of at least 500 °C.

**Test Result(s): Total cadmium (Cd)**

REACH - Total cadmium (Cd) content in any individual part of jewellery articles

Method: With reference to IEC 62321: 2008, was analyzed by flame atomic absorption spectrometry (AAS).

Material No.	Description	Location	Limit (mg/kg)	Result (mg/kg)	Conclusion
1	Ancient copper plating metal	Butterfly	100	30	PASS

**Note:**

1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (<RL).
3. RL (Report Limit) = 2 mg/kg.

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**Test Sample(s):**

Material No.	Description	Location
1	Ancient copper plating metal	Butterfly

**Test Result(s):** Nickel Release

Method: EN1811:2011 & EN12472:2005

Material No.	Limit ( $\mu\text{g}/\text{cm}^2/\text{week}$ )	Sample(s)	Surface Area ( $\text{cm}^2$ )	Volume of test solution (mL)	Result ( $\mu\text{g}/\text{cm}^2/\text{week}$ )	Conclusion
1	0.5	A	70.88	250	<0.05	PASS
		B	70.88	250	<0.05	PASS
		C	70.88	250	<0.05	PASS

- Note:**
- $\mu\text{g}/\text{cm}^2/\text{week}$  = microgram per square centimeter per week.
  - Products intended to come into direct and prolonged contact with the skin, Articles with a migration limit of  $0.5\mu\text{g}/\text{cm}^2/\text{week}$ :
    - An article will be deemed to be non-compliant when the nickel release value is greater than or equal to  $0.88\mu\text{g}/\text{cm}^2/\text{week}$ .
    - An article will be deemed to be compliant when the nickel release value is less than or equal to  $0.28\mu\text{g}/\text{cm}^2/\text{week}$ .
    - For nickel release values that are greater than  $0.28\mu\text{g}/\text{cm}^2/\text{week}$  but less than  $0.88\mu\text{g}/\text{cm}^2/\text{week}$  no clear decision is possible for compliance of this test article.

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Photo of Sample:



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

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