



TEST REPORT

OVERALL RATING

× PASS

FAIL

Test information

Applicant	: Ewelina Rozbicka RESTYLE.
Address	: Starowiejska 232 08-110 Siedlce POLAND .
Sample Description	: Lace bat silver pendant.
PO#	: ziby20180621-17r.
Style #	: 16129001S.
Supplier	: Not provided.
Country of origin	: China.
Export to	: Not provided.
Buyer	: Not provided.
Receiving Date	: August 08, 2018.
Test period	: August 08, 2018.~ August 17, 2018.
Test Requested	: Tests requested in accordance to client requirement.

TEST ITEMS**CONCLUSION**

Entry 63 of Annex XVII of REACH Regulation (EC)No 1907/2006 Amended by Commission Regulation (EU) 2015/628 -Lead(Pb) test.	PASS
Entry 23 of Commission Regulation (EU) No 835/2012, (EU) No 494/2011 and (EU) No 217/2016 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Cadmium(Cd) test	PASS
Entry 27 of Regulation (EC)No 552/2009 Amending Annex XVII of REACH Regulation(EC)No 1907/2006 on the release of Nickel content(formerly known as 94/27/EC and its amendment directive 2004/96/EC)	PASS

Signed for and on behalf of
RTS TEST CO., LTD. (Zhejiang)

CHANGBIAO YU

Approved signatory

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Sample image:



**Test result:****A. Lead(Pb) content test: (Unit:mg/kg)**

Entry 63 of Annex XVII of REACH Regulation (EC)No 1907/2006 Amended by Commission Regulation (EU) 2015/628-Lead(Pb) test.

Test method: EPA 3050B:1996 (modified).or EPA 3052:1996 (modified), Analysis was performed by ICP-OES/AAS.

Test Number	Item/ component description(s)
A1	Silvery plating metal (bat casting)

Test item	Test Number	MDL	Test Result	Maximum permissible limit	Conclusion
Lead (Pb)	A1	5	23	500	PASS

Note:

- 1) MDL=Method Detection Limit.
- 2) N.D. = not detected, less than MDL.
- 3)“▲” = This data is obtained from composite testing on more than one materials, it is possible that result obtained from individual testing on any one of the materials is substantially higher. Please be cautious when using this data for compliance evaluation.

B. Cadmium(Cd) content test: (Unit:mg/kg)

Entry 23 of Annex XVII of REACH Regulation (EC) No 1907/2006 Amended by Commission Regulation (EU) No 835/2012, (EU) No 494/2011 and (EU) No 217/2016- Cadmium(Cd) test

Test method: Metal- As per EPA 3050B:1996 modified, Analysis was performed by ICP-OES/AAS.

Non-metal- As per EN1122: 2001 method B, Analysis was performed by ICP-OES/AAS.

Test Number	Item/ component description(s)
A1	Silvery plating metal (bat casting)

Test item	Test Number	MDL	Test Result	Maximum permissible limit	Conclusion
Cadmium (Cd)	A1	5	14	100	PASS

Note:

- 1) MDL=Method Detection Limit.
- 2) N.D. = not detected, less than MDL.
- 3)“▲” = This data is obtained from composite testing on more than one materials, it is possible that result obtained from individual testing on any one of the materials is substantially higher. Please be cautious when using this data for compliance evaluation.

**C. Nickel Release content test:(Unit: $\mu\text{g}/\text{cm}^2/\text{week}$)**

Entry 27 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 on the release of Nickel content(formerly known as 94/27/EC and its amendment directive 2004/96/EC)

Test Method: For coated samples: Simulation of wear and corrosion-EN 12472:2005+A1:2009, With reference EN1811:2011 +A1:2015. Analysis was performed by Inductively coupled plasma emission spectrometer (ICP-OES).

Test Number	Item/ component description(s)
A1	Silvery plating metal (bat casting)

Testing details	MDL	Sample No.
		A1
Sample Area(cm^2)	-	12.8
Volume of test solution(ml)	-	15
Nickel Release-Trial 1	0.01	N.D.
Nickel Release-Trial 2	0.01	N.D.
Nickel Release-Trial 3	0.01	N.D.
Limit value	-	0.5
Conclusion(s)	-	PASS

Note:

- 1) MDL=Method Detection Limit.
- 2) N.D. = not detected, less than MDL.
- 3)“▲” = This data is obtained from composite testing on more than one materials, it is possible that result obtained from individual testing on any one of the materials is substantially higher. Please be cautious when using this data for compliance evaluation.

Remark:

Comments are given according to Annex A of EN1811:2011 +A1:2015 as below:

Type of sample	Nickel release($\mu\text{g}/\text{cm}^2/\text{week}$)	
	PASS	FAIL
Article with nickel release limit of $0.5\mu\text{g}/\text{cm}^2/\text{week}$	<0.88	≥ 0.88
Article with nickel release limit of $0.2\mu\text{g}/\text{cm}^2/\text{week}$	<0.35	≥ 0.35

----- End of Report -----

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