

Test Report No. CANML1717999804 Date: 19 Sep 2017 Page 1 of 3

HUGO WAY CO.,LTD.

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

Rose Gold Plated Nickel Free

SGS Job No.: GZIN1709043261PC - GZ

Date of Sample Received: 08 Sep 2017

Testing Period: 08 Sep 2017 - 19 Sep 2017

Test Requested: Selected test(s) as requested by client.

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

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

Result Summary:

Test Requested	Conclusion
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 and	
2004/96/EC)- Nickel release	

Signed for and on behalf of SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

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Zm guan

Approved Signatory

Zuguan



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Test Results:

Test Part Description:

Specimen No. SGS Sample ID Description

SN1 CAN17-179998.004 Copper-colored plated metal

Remarks:

(1) 1 mg/kg = 0.0001%

(2) MDL = Method Detection Limit

(3) ND = Not Detected (< MDL)

(4) "-" = Not Regulated

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: With reference to EN 12472:2005+A1:2009 and EN 1811:2011+ A1:2015, analysis was performed by ICP-OES.

Test Item(s)	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>004</u>
Sample Area	-	cm ²	-	11.60
Volume of Test Solution	-	mL	-	11.60
Nickel Release - Trial 1	0.50	μg/cm²/ week	0.10	ND
Nickel Release - Trial 2	0.50	μg/cm²/ week	0.10	ND
Nickel Release - Trial 3	0.50	µg/cm²/	0.10	ND

Comment 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) 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.

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

Type of sample	Nickel Release (µg/cm²/week)		
Type of sample	PASS	FAIL	
Article with Nickel release limit of 0.5µg/cm²/week	<0.88	≥ 0.88	
Article with Nickel release limit of 0.2µg/cm²/week	< 0.35	≥ 0.35	



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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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