

Test Report No. 3058385

Date : 15-Sep-2015

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**Client : Bodysteel and Silver Co.,Ltd.
63,branch 0006,Moo 5, Soi Wat Bang-Co Yaek Rong-Foam,Kanchanaphisek Road,
Bang Ma-Nang,Bang Yai, Nonthaburi 11140 Thailand**

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

Sample Description : SS316L RING
 Sample No. : 3142153
 Sample Condition : Sample is contained in a plastic bag.
 Quantity Submitted : 3 pcs
 Part No. : ERI-03
 Manufacturer/Vendor : Bodysteel and Silver Co.,Ltd.
 Country of Origin : Thailand
 Country of Destination : Thailand
 Sample Receiving Date : 31-Aug-2015
 Testing Period : 31-Aug-2015 to 15-Sep-2015

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

**Signed for and on behalf of
SGS (Thailand) Limited**



**Rutchuporn Moungsom
Laboratory manager - Toy and Hardgood**

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TEST RESULTS

Nickel Release (With Non - Coated Material) (REACH)

Test Method : As specified in BS EN 1811 : 2011 + AC : 2012. Analysis was performed by ICP-OES.

For non-body piercing article

Test item	Sample Area (cm2)	Volume of Test Solution (ml)	Nickel Release Trial 1 (ug/cm2/ week)	Nickel Release Trial 1 (ug/cm2/ week)	Nickel Release Trial 1 (ug/cm2/ week)	Comment
1	12.51	20	<0.1	<0.1	<0.1	PASS

Sample Description :

- 1. Silvery metal

Note :

- 1. microgram/ cm2/ week = microgram per square centimeter per week
- 2. "<" = Less than
- 3. LOQ = Limit of Quantitation = 0.1 ug/cm2/week
- 4. 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 BS EN 1811 : 2011 + AC : 2012 as below.

Type of sample	Nickel Release (ug/cm2/week) (PASS)	Nickel Release (ug/cm2/week) (NO CLEAR DECISION*)	Nickel Release (ug/cm2/week) (FAIL)
Article with Nickel release limit of 0.5 ug/cm2/week	</=0.28	>0.28 AND <0.88	>/=0.88
Article with Nickel release limit of 0.2 ug/cm2/week	</=0.11	>0.11 AND <0.35	>/=0.35

* = No clear decision = Inconclusive

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SAMPLE/ATTACHMENT PICTURE



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

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