



Product Service

Technical Report No. 68.162.13.00044.01C
Dated 2013-01-22

Applicant:	AAB CO., LTD	
Address:	4 th Er Heng Road, Two Area in Jiang Nan Industrial Park, South Village, Panyu District, Guangzhou.	
Sample Description:	Titanium Ring with Black PVD	
Style No.:	RSSA07	
Sample Receive Date:	2013-01-09	
Test Period:	From 2013-01-10 to 2013-01-21	
Test Requested and Conclusion:	Compliance with EU Regulation (EC) 1907/2006 (REACH) Annex XVII - Nickel Release	PASS
Test Results:	Refer to following page(s)	
Remark:	The result relates only to the items tested. The test item and sample were specified by the client.	


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1. TESTED SUBJECT DESCRIPTION

SAMPLE NUMBER	TESTED MATERIAL DESCRIPTION	PHOTO
001	Black plating titanium ring (RSSA07)	

2. TEST RESULT

2.1. NICKEL RELEASE

Test method: With reference to EN12472:2005+A1:2009 and EN 1811:2011

[Reporting limit: 0.1 $\mu\text{g}/\text{cm}^2/\text{week}$]

TEST ITEM	RESULT [$\mu\text{g}/\text{cm}^2/\text{week}$]
	SAMPLE 001
Nickel Release (Ni)	<0.1

Note:

- " $\mu\text{g}/\text{cm}^2/\text{week}$ " denotes microgram per square centimeter per week
- "<" denotes less than

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- Limit according to Regulation (EC) 1907/2006 (REACH) Annex XVII:

Non-body piercing articles (<0.5 µg/cm²/week)

Nickel release value (µg/cm ² /week)	Conclusion
≤ 0.28	Pass
0.28 – 0.88	Inconclusive *
≥0.88	Failed

Body piercing articles (<0.2 µg/cm²/week)

Nickel release value (µg/cm ² /week)	Conclusion
≤ 0.11	Pass
0.11 – 0.35	Inconclusive *
≥0.35	Failed

* Inconclusive means it is not possible to claim compliance with the REACH Regulation. It is suggested that the materials can be unsuitable and alternative materials should be used.

Prepared by



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