



Product Service

Technical Report No. 68.162.13.00045.01B
Dated 2013-01-23

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 Cufflink with Black & Rose gold PVD	
Style No.:	MACA04	
Sample Receive Date:	2013-01-09	
Test Period:	From 2013-01-10 to 2013-01-21	
Test Requested and Conclusion:	- 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 cuff link (MACA04)	
002	Rose gold Plating titanium cuff link (MACA04)	

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	SAMPLE 002
Nickel Release (Ni)	<1.0	<1.0

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.

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