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Client: BODYSTEEL AND SILVER CO., LTD
63 Moo 5 Soi Wat Bang-co Yeak Rong-foam, Kanchanaphisek Rd.,
Bang Mae-nang, Bang Yai, Nonthaburi 11140 Thailand

Identification/ WG18K-BRS-18GA-09(1.0X09)
Model No(s):

Sample Receiving date: 2018-11-28

Testing Period: 2018-11-28 to 2018-12-11

Delivery condition: *Apparent good, Samples tested as received*

Test Specification:	Test result:
1. Ni release (EN 12472: 2005 + A1: 2009 and EN 1811: 2011 + A1:2015)	PASS

Other information:
Manufacture: Bodysteel and Silver Co., Ltd.
Country of Origin: Thailand

The report 1203058920-02a supersede report 1203058920-02 (Client requested to revised material and color on page 2.)

For and on behalf of
TÜV Rheinland Thailand Ltd.

 

2018-12-12

Wilawan Sriprom / Manager

Date

Name/Position

Test result is drawn according to the kind and extent of tests performed.

This test report relates to the a. M. Test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

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Material list

Item: W8K-BSR-18GA-09 (1.0X09)G1

Material No.	Material	Color	Location
M001	18K White Gold (750/000)	White gold	Refer to photo

1. Nickel release

Test method: Simulation of wear and corrosion - EN 12472: 2005 + A1: 2009, followed by extraction EN 1811: 2011+A1:2015. Determination by ICP-MS

Test Result:

Test No.	Material No.	Trial	Surface area (cm ²)	Final volume (ml)	Nickel released (µg/cm ² /week)	RL (µg/cm ² /week)	Regulatory Requirement µg/cm ² /week
T001	M001	1	1.30	10	0.055	0.05	0.2
		2	1.30	10	0.087	0.05	
		3	1.30	10	0.050	0.05	

Abbreviation: n.d. denotes Not detected (< RL)
 RL denotes Reporting Limit
 µg/cm²/ week denotes Microgram per square centimeter per week

Remark:

Directive	Item	Limit (µg/cm ² /week of nickel migration)
REACH Regulation (EC) No. 1907/2006 and amendment no. 552/2009 Annex XVII Item 27 (formerly known as 94/27/EC and 2004/96/EC)	Products intended to come into direct and prolonged contact with skin	0.5
	All post assemblies which are inserted into pierced ears and other pierced parts of the human body	0.2

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Sample Photos:

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Sample before test



Sample after tested (M001)



Sample after tested (M002)



Sample after tested (M003)

-END-