

## TEST REPORT

The report shall not be reproduced without written approval from Intertek  
The results relate only to the item tested.

Report no.: BKKH25009394

Applicant: BODYSTEEL AND SILVER CO., LTD  
63 MOO 5, SOI WATBANG-CO YAEK RONG-FOAM, KANCHANAPHISEK  
ROAD., BANGMAENANG, BANGYAI, NONTHABURI 11140

Issued Date: Sep 01, 2025

**Sample Submitted:**

Quantity of sample: One (1) bag  
Sample description: Segment ring  
Date sample received: August 19, 2025

**Client Information:**

Sample Name: Gold Product G18K-BHSR-16GA-08 1.2x08  
Item no.: Gold 18K  
Supplier name: BODYSTEEL AND SILVER CO., LTD  
Country of Origin: Thailand



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To be continued

For and on behalf of :  
Intertek Testing Services (Thailand) Ltd.,  
Hardlines Laboratory



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Ladtaka Wongwiboonporn  
Operation Manager  
Hardlines Department

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### Test conducted:

As requested by the applicant, for details please refer to attached page(s)

### Conclusion:

<u>Tested samples</u>	<u>Regulation</u>	<u>Result</u>
Submitted sample	Lead content requirement in Regulation (EU) No 836/2012 of the REACH Regulation (EC) No 1907/2006 Annex XVII Item 63	Pass
	Cadmium content requirement in Regulation (EU) No 494/2011 of the REACH Regulation (EC) No 1907/2006 Annex XVII Item 23	Pass
	Nickel release content requirement in Annex XVII Item 27 of the REACH Regulation (EC) No.1907/2006 & Amendment No.552/2009 (Formerly known as Directive 94/27/EC and 2004/96/EC)	Pass

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Test conducted:

1 Total Lead (Pb) Content▲

As per Lead content requirement in Regulation (EU) No 836/2012 of the REACH Regulation (EC) No 1907/2006 Annex XVII Item 63, acid digestion method was used and total Lead content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

Tested samples	Result (%)	LOD (%)	LOQ (%)	Limit (%)
Submitted sample	<0.0013	0.0002	0.0013	0.05

Remark: % = Percentage based on weight of sample;  
< = Less than  
LOD = Limit of detection  
LOQ = Limit of quantitation  
▲ = Tested items are not included in the TISI Accreditation

Tested component: Gold Product G18K-BHSR-16GA-08 1.2x08

Testing period: August 19, 2025 to August 25, 2025

2 Total Cadmium (Cd) Content▲

As per Cadmium content requirement in Regulation (EU) No 494/2011 of the REACH Regulation (EC) No 1907/2006 Annex XVII Item 23, acid digestion method was used and total Cadmium content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

Tested samples	Result (%)	LOD (%)	LOQ (%)	Limit (%)
Submitted sample	ND	0.0001	0.0005	0.01

Remark: % = Percentage based on weight of sample;  
ND = Not detected (Less than LOD)  
LOD = Limit of detection  
LOQ = Limit of quantitation  
▲ = Tested items are not included in the TISI Accreditation

Tested component: Gold Product G18K-BHSR-16GA-08 1.2x08

Testing period: August 19, 2025 to August 25, 2025

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Test conducted:

3 Release of Nickel for Body Piercing Post Assemblies

As per BS EN1811: 2023.

Tested component	Trial	Sample area (cm <sup>2</sup> )	Volume of Test solution (ml)	LOD ( $\mu\text{g.cm}^{-2}.\text{week}^{-1}$ )	LOQ ( $\mu\text{g.cm}^{-2}.\text{week}^{-1}$ )	Result $\Delta$ ( $\mu\text{g.cm}^{-2}.\text{week}^{-1}$ )
Submitted sample	1	1.03	1.03	0.02	0.10	ND
	2	1.03	1.03	0.02	0.10	ND
	3	1.03	1.03	0.02	0.10	ND

Remark : ND = Not detected (Less than LOD)

LOD = Limit of detection

LOQ = Limit of quantitation

$\mu\text{g}$  = Microgram

cm<sup>-2</sup> = Square centimeter

Requirement: 0.2  $\mu\text{g.cm}^{-2}.\text{week}^{-1}$

Remark:  $\Delta$  = According to BS EN1811: 2023, EN1811: 2023 (E), compliance decision was made based on the following rules.

Result	Interpretation
< 0.35 $\mu\text{g.cm}^{-2}.\text{week}^{-1}$	Compliance (Pass)
$\geq 0.35 \mu\text{g.cm}^{-2}.\text{week}^{-1}$	Non-compliance (Fail)

Tested component: Gold Product G18K-BHSR-16GA-08 1.2x08

Testing period: August 19, 2025 to September 01, 2025

\*\*\*\*\* E N D \*\*\*\*\* /WB/NK

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