

TEST REPORT

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The results relate only to the item as received.

Report no.: BKKH26008992

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

Issued Date: Aug 24, 2026

Sample Submitted:

Quantity of sample: Twelve (12) pieces
Sample description: Pin
Date sample received: August 10, 2026

Client Information:

Sample Name: Titanium Product TN-YLMPIN 1.2x12 / HP
Item no.: Titanium niobium Alloy (Ti6Al7Nb) ASTM F1295
Supplier name: BODYSTEEL AND SILVER CO., LTD
Country of Origin: Thailand



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

Ladtaka W.

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: Titanium Product TN-YLMPIN 1.2x12 / HP

Testing period: August 10, 2026 to August 17, 2026

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: Titanium Product TN-YLMPIN 1.2x12 / HP

Testing period: August 10, 2026 to August 17, 2026

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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 ²)	Volume of Test solution (ml)	LOD (µg.cm ⁻² .week ⁻¹)	LOQ (µg.cm ⁻² .week ⁻¹)	Result Δ (µg.cm ⁻² .week ⁻¹)
Submitted sample	1	0.64	0.64	0.02	0.10	ND
	2	0.64	0.64	0.02	0.10	ND
	3	0.64	0.64	0.02	0.10	ND

Remark :
 ND = Not detected (Less than LOD)
 LOD = Limit of detection
 LOQ = Limit of quantitation
 µg = Microgram
 cm² = Square centimeter

Requirement: 0.2 µg.cm⁻².week⁻¹

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

Result	Interpretation
< 0.35 µg.cm ⁻² .week ⁻¹	Compliance (Pass)
≥ 0.35 µg.cm ⁻² .week ⁻¹	Non-compliance (Fail)

Tested component: Titanium Product TN-YLMPIN 1.2x12 / HP

Testing period: August 10, 2026 to August 24, 2026

***** E N D *****/SL/WB/LW
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