

Test Report

Applicant: Qingdao Toposh Jewelry Co.,Ltd
Attn : Vera

NUMBER : TSNH00538414
Date : Apr 11,2025

Overall Rating	
Pass	(X)
Fail	()

Sample Description :

One (1) submitted samples said to be **(Non-nickel plated)**
 Item Name : ASTM F136 Titanium Segment Ring
 PO No. : --
 Style No. : --
 Item No. : --
 Buyer : --
 Goods Exported To : --
 Country of Origin : China

Tests Conducted:

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

To be continued

Authorized By :
For Intertek Testing Services
(Tianjin) Ltd. Qingdao Branch



David Zhang
Asst.General Manager



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Photo



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Conclusion:

<u>Tested Component(s)</u>	<u>Standard</u>	<u>Result</u>
(1)&(2)	Lead content requirement in Annex XVII item 63 of the REACH Regulation (EC) No. 1907/2006, and commission Regulation (EU) No. 836/2012	Pass
(1)&(2)	Cadmium content requirement in Commission Regulation (EU) No. 494/2011 of 20 May 2011, (EU) No. 835/2012 of 18 September 2012 and (EU) No. 2016/217 of 16 February 2016 Amending Annex XVII Items 23 of the REACH Regulation (EC) No. 1907/2006	Pass
(N1)	Nickel release requirement in Annex XVII Entry 27 of the REACH Regulation (EC) No 1907/2006 and all its amendments currently in effect	Pass

To be continued

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#1. Total Lead (Pb) Content

With reference to lead content requirement in Annex XVII item 63 of the REACH Regulation (EC) No. 1907/2006, and commission regulation (EU) No. 836/2012 & 2015/628, acid digestion method was used and total lead content was determined by Flame Atomic Absorption Spectrometry.

<u>Tested Component(s)</u>	<u>Result in ppm</u>	<u>Limit (ppm)</u>
(1)	13	500
(2)	12	500

ppm=parts per million=mg/kg

Tested Component(s) : See component(s) list in the last section of this report.

#2. Total Cadmium (Cd) Content

As per Cadmium content requirement in Commission Regulation (EU) No. 494/2011 of 20 May 2011, (EU) No. 835/2012 of 18 September 2012 and (EU) No. 2016/217 of 16 February 2016 Amending Annex XVII Item 23 of the REACH Regulation (EC) No. 1907/2006, acid digestion method was used and total Cadmium content was determined by Flame Atomic Absorption Spectrometry.

<u>Tested Component(s)</u>	<u>Result in ppm</u>	<u>Limit (ppm)</u>
(1)	<5	100
(2)	<5	100

ppm=parts per million=mg/kg

< = less than

Remark : As requested by the applicant, total cadmium content test was conducted only on components listed in this report. Other components were not tested.

Tested Component(s) : See component(s) list in the last section of this report.

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3. Release Of Nickel For Coated Item

As per EN12472 : 2020 and EN1811 :2023.

<u>Tested Components</u>	<u>Trial</u>	<u>Sample Area</u> (cm ²)	<u>Volume Of Test Solution</u> (mL)	<u>Result Δ</u> (μg.cm ⁻² .week ⁻¹)
(N1)	1	1.7	1.7	<0.1
	2	1.7	1.7	<0.1
	3	1.7	1.7	<0.1

Requirement : less than 0.2 μg.cm⁻².week⁻¹

Remark : The limit 0.2μg.cm⁻².week⁻¹ is applied to post assembly which is the part of the product designed for insertion into the wound caused by piercing, plus any faces that hold the piece in and against the wound

< = less than

Δ = According to EN1811 :2023, compliance decision was made based on the following rules.

<u>Result</u>	<u>Interpretation</u>
< 0.35	Compliance (Pass)
≥ 0.35	Non-compliance (Fail)

Tested Components : See components list in the last section of this report.

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Components List

- (1) Silver color plating metal pin
- (2) Silver color plating metal hoop
- (N1) Hoop

Date Sample Received: Mar 25,2025

Testing Period: Mar 25,2025 To Apr 11,2025

End of report

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