



Test Report

Report No. A2260876957102001

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Company Name DONGGUAN MIDUODUO ACCESSORIES CO., LTD**shown on Report****Address** NO. 1 FUNING STREET, CHANG'AN TOWN, DONGGUAN CITY, GUANGDONG PROVINCE, CHINA

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

Sample Name	316 Stainless Steel Ring
Model No.	A583
Color	Gold
Material	316 Stainless Steel
Sample Received Date	Oct. 9, 2026
Testing Period	Oct. 9, 2026 to Oct. 19, 2026

Test Conducted:

As requested by the applicant. For details refer to next page(s)



Approved by

Hill Zheng

Date

Oct. 19, 2026

Hill Zheng
Technical Manager

No. R179752066

Centre Testing International Group Co., Ltd.

C11 Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

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Executive Summary:

TEST REQUEST

European standard EN 12472:2020

- Nickel release from coated articles after procedure of the simulation of wear and corrosion

CONCLUSION

PASS

***** For further details, please refer to the following page(s) *****



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European standard EN 12472:2020

▼ Nickel release from coated articles after procedure of the simulation of wear and corrosion

Test Method: EN 12472:2020 (As described in EN 12472:2020, after being subjected to the corrosion and wear procedure, the sample is tested for nickel release in accordance with EN 1811:2023.);

Test Equipment: ICP-OES

Tested Item(s)	Result			MDL ($\mu\text{g}\cdot\text{cm}^{-2}\cdot\text{week}^{-1}$)	Limit # ($\mu\text{g}\cdot\text{cm}^{-2}\cdot\text{week}^{-1}$)
	001-1	001-2	001-3		
Sample area tested (cm^2)	21.45	21.45	21.45	--	--
Test solution used (mL)	22.0	22.0	22.0	--	--
Released Nickel ($\mu\text{g}\cdot\text{cm}^{-2}\cdot\text{week}^{-1}$)	0.10	0.71	0.68	0.05	0.88

Remark:

- MDL = Method Detection Limit
- mL = milliliter
- $\mu\text{g}\cdot\text{cm}^{-2}\cdot\text{week}^{-1} = \mu\text{g}/\text{cm}^2/\text{week}$ = microgram per square centimeter per week
- # The required limit for articles intended to come into direct and prolonged contact with the skin in entry 27, annex XVII of REACH is $0.5 \mu\text{g}/\text{cm}^2/\text{week}$ and for all post assemblies which are inserted into pierced ears and other pierced parts of the human body is $0.2 \mu\text{g}/\text{cm}^2/\text{week}$. As specified in clause 9.2 & annex A of EN 1811:2023, the following comments shall be used to assess the compliance:

Type of sample	Assessing of result ($\mu\text{g}/\text{cm}^2/\text{week}$)	
	Pass	Fail
Article with limit of $0.5 \mu\text{g}/\text{cm}^2/\text{week}$	≤ 0.88	> 0.88
Article with limit of $0.2 \mu\text{g}/\text{cm}^2/\text{week}$	< 0.35	≥ 0.35

Sample/Part Description

No.	CTI Sample ID	Description
1	001	Metal with golden covering layer



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Photo(s) of the sample(s)



Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019 / CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full;
6. In case of any discrepancy between the English version and Chinese version of the reports (if generated), the Chinese version shall prevail.

*** End of Report ***