

Irene, Daniel
Giometal Body Jewelry
No. 4 Zhenlong Rd, 5th Industrial Park Caiwa,
Wusha, Chang'an Town, Dongguan City

September 9, 2026

CERTIFICATE OF ANALYSIS
Date Submitted: 08/31/26
26086815-6

SKU Number: 18KHSRR0309YY
Item Description: 18Kt Solid Yellow Gold Hinged Ring
Sample Date: 08/27/26

ASTM F2999-19



Sample Type: Body Jewelry
Analyzed by: SH on 09/01/26

Test Property	Test Method	Test Principle / Requirements	Test Results / Comments
ANALYTICAL			
Nickel Spot Test (Qualitative)	PD CEN/TR 12471:2022	Skin contact metal components - Negative test results.	N/A
Nickel Release (Qualitative) ^	EC12472-20/EN1811-2023	Cannot exceed 0.5 Micrograms/cm ² per week.	N/A
Material Identification (silver & gold jewelry only)	Assay	As claimed.	PASS
PERFORMANCE PROPERTIES			
Hazardous Magnets	F-2999 13.1	Adult Jewlery that contains hazardous magnets as received should include a warning statement which contains the following text or substantially equivalent text which clearly conveys the same warning. WARNING. Contains magnets. Prolonged wearing can form a hole in body tissue. Swallowed or inhaled magnets can attract through and squeeze intestines or other body tissue, causing serious injury or death. Seek immediate medical attention if swallowed or inhaled.	N/A
Adult Jewelry Containing Batteries	F-2999 13.2	For all adult jewelry with batteries, batteries that are swallowable or small objects as specified in 14.7 shall not be accessible without the use of a coin, screwdriver, or other common household tool. Testing is performed using the recommended batteries installed.	N/A
Suction Tongue Studs	F-2999 13.3	Suction tongue studs should include a warning statement which contains the following text or substantially equivalent text which clearly conveys the same warning: WARNING. CHOKING HAZARD. Keep away from children	N/A
Identifying Swallowable Components and Small Objects	F-2999 14.7	A component or product is considered swallowable or a small object when it is small enough to fit entirely, without compressing it, within the small part cylinder .	Sample fit entirely into the small part cylinder and should be considered as a Small Part

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Clasp Tensile Test	ASTM D1683 (Mod.) Modification: expanded scope to other components.	Anklet,/Bangle/Bracelet/Necklace: Minimum tensile strength of 5 pounds regardless of wire diameter or construction type. Perform the tests dry and wet on natural fibers.	N/A
Drop Test (if requested) ^	ASTM F963 (Mod.) Mod.: expanded scope to other components.	No release of any component in 3 drops on wooden board (not less than 3/4" thickness) from 36" height.	PASS
Compression Dent Test ^ (Hollowware items only)	ASTM D1683 (Mod.) Modification: expanded scope to other components.	Apply the compression force until denting or permanent deformation is observed. Report the average dent force. The average shall meet the required minimum force of 4 lbs. for gold jewelry and 10 lbs. for silver jewelry.	N/A
Setting Strength Test ^	ASTM D1683 (Mod.) Mod.: expanded scope to other components.	The minimum setting strength shall not be less than 3 lbs.. It shall take 3 lbs. or more to remove gemstone, pearl, rhinestones, shells or beads from its setting.	N/A
Clasp Cycle Test	ASTM D1683 (Mod.) Mod.: expanded scope to other components.	Anklet,/Bangle/Bracelet/Necklace: After the 250 cycles, the force required to fully open the clasp shall be not less than 80% of the initial pre-cycle actuation force.	N/A
Earring Post Backing (Earrings only)	ASTM D1683 (Mod.) Mod.: expanded scope to other components.	The force required to slide the earring back along the post shall be between 100 and 250 grams, not including the detent area.	N/A
Earring Snap Bar Open/Closure Force (Earrings only)	ASTM D1683 (Mod.) Mod.: expanded scope to other components.	The minimum force for operation (open and closure) of the earring snap bars shall be 0.25 to 0.5 lbs..	N/A
Bending Strength (Pendant/Brooches only)	ASTM D1683 (Mod.) , ASTM F963 (Mod.) Mod.: expanded scope to other components.	It shall take 3.0 lbs. or more to deflect the item 0.12 inches from its original flat position.	N/A
Attachment Strength (Pendant/Brooches only)	ASTM D1683 (Mod.) , ASTM F963 (Mod.) Modification: expanded scope to other components.	Attaching the pin portion of the brooch to the vice grips of the tensile tester, record the force required to break the pin. Upon completion perform the same test with the pin in closed position. Record data only.	N/A
Compression Test - Ring Collapse (Rings only)	ASTM D1683 (Mod.) , ASTM F963 (Mod.) Mod.: expanded scope to other components.	The minimum force to collapse, or permanently deform the ring out of round, shall be 8 lbs..	N/A

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Sample Date: 08/27/26

Sample Type: Body Jewelry
Analyzed by: JM on 9/3-4/26
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PASS
California Health & Safety Code, Chapter 6.5, Article 10.1.1, Section 25214.1,25214.2,25214.31,25214.4 &25214.4.1 (SB647)
Lead in Metal & Surface Coatings: 500 ppm (0.05%/wt)
Lead in Plastics & Rubber: 200 ppm (0.02%/wt)
Cadmium in Substrate: 100 ppm (0.01%/wt)
Cadmium in Surface Coating: 100 ppm (0.01%/wt)

Metal components	Lead	Cadmium	Unit
1 Hinged ring	< 20	< 10	ppm
Non-metal components			
N/A			
Surface coatings			
N/A			

The reference method was a modified version of USEPA 3050B, USEPA 3052, CPSC-CH-E1001-08.3 and/or CPSC-CH-E1002-08.3 and/or CPSC-CH-E1003-09.1 with instrument parameters set in accordance with Perkin-Elmer Atomic Absorption and Inductively Coupled Plasma Metals Testing procedures for the Analysis of Lead and Cadmium.

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Method Reporting Limit for Lead 20 ppm for Metal and 20 ppm for Non-metal & Surface coatings

Method Reporting Limit for Cadmium 10 ppm for Metal and 10 ppm for Non-metal & Surface coatings

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ISO/IEC
17025:2017
ACCREDITED

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Sample Date: 08/27/26

Date Analyzed:
Ni Analyzed by:

Sample Type: Body Jewelry

Nickel (Spot and Confirmation tests)

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Components	Clear/Pink	Conclusion
N/A		



Kevin E. Donahue
Laboratory Director



Jeff Mascoli
Laboratory Manager

The reference method was a Nickel wipe test PD CEN/TR 12471:2022 Screening tests for nickel release from alloys and coatings that come into direct and prolonged contact with the skin.
The presence of a pink color after 20-30 wipes with the wet swab indicate the presence of surface Nickel.

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18Kt Gold - PASS

Precious Metal Content

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Sample Type: Jewelry

Analyzed by: ED on 9/3/26

Component	Requirement	Tolerance	Minimum	Gold Content	Unit
Gold Earring	75.00	0.300	74.70	75.27	%/wt

Gold Without Solder

10K minimum of 41.37% content (10/24)
14K minimum of 58.03% content (14/24)
18K minimum of 74.70% content (18/24)
24K minimum of 99.65% content (24/24)

Gold Filled

1/10 14K minimum 5.53%
1/20 14K minimum 2.62%
1/20 12K minimum 2.20%
1/20 10K minimum 1.78%

Rolled Gold or Gold Overlay

1/40 10K minimum 0.740%
1/40 14K minimum 1.160%

Gold With Solder

10K minimum of 40.97% content (10/24)
14K minimum of 57.63% content (14/24)
18K minimum of 74.30% content (18/24)
24K minimum of 99.25% content (24/24)

Platinum

At least 950PPT Platinum

Platinum, Plat., Pt.

At least 850 PPT Platinum

"850Plat.", "850Pt.", "900Plat.", "900Pt." etc.

Platinum w/Platinum Group Metals(PGM)

Greater than 95% PGM & at least 50%

Platinum

e.g."600Pt.350Ir.", 550Pt.350Pd.50Ir."

At least 50% Platinum, but less than 85%

Platinum and not consisting of at least 95% PGM

e.g. "585Pt.400Co"

Sterling Silver Without Solder

Sterling Silver minimum 92.10%

Coin Silver minimum 89.60%

Sterling Silver With Solder

Sterling Silver minimum 91.50%

Coin Silver minimum 89.00%

Ultra Fine Silver

Ultra Fine Silver minimum 94.6%

MCE SOP for Determining Corrected Silver Content in Metal Components (Modified version of ASTM E1335 and E2995-03)

MCE SOP for Determining Gold Content in Metal Components (Modified version of ASTM E1335-08)

MCE SOP for determining Platinum content in Platinum and Platinum alloys(Modified version ISO 11494 2019-07)

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