MUTUAL CORNELL

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
26086815-5

SKU Number: 18KENDT0983YY
Item Description: 18Kt Solid Yellow Gold Threadless End
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 equivaluent 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
Indentifying 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**

Samples submitted by customer, results relate only to items tested.
Test report shall not be reproduced except in full, without written approval of the laboratory.

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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 broad (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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Test Property	Test Method	Test Principle / Requirements	Test Results / Comments
Magnetic Pull Test ^ (Jewelry with magnetic closures only)	ASTM D4846 (Mod.) Mod.: expanded scope to other components.	Shall meet a minimum holding strength of 3 lbs.	N/A
OTHER			
Sharp Points / Edges	Screening/Observation Mod.: expanded scope to other components.	Shall have no sharp points / edges other than those required for function.	PASS
LABELING			
Country of Origin	19 CFR 134.11	Shall indicate country of origin legibly, permanently, and in comparable size and close proximity to any mention of country other than country in which the article was manufactured or produced. Must be visible at point of purchase.	N/A
ADDITIONAL PROTOCOLS			
CA Prop 65 ^	Applicable Section from Lab's Internal Protocol for F-2999	All samples should be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required. **Lead in Jewelry:** Class 1 : Exempt Lead in Substrate: 500 ppm (0.05%/wt) Lead in Surface Coating: 500 ppm (0.05%/tw) -All other components: 200 ppm (0.02%/wt) **Cadmium in Jewelry:** Cadmium in Substrate: 100 ppm (0.01%/wt) Cadmium in Surface Coatings: 100 ppm (0.01%/wt)	PASS PASS
ADDITIONAL PROTOCOLS			
Body Piercing Jewelry	ASTM F2999-20 Section 6 Table 3	Body piercing jewelry designed and intended primarily for children 12 and under shall be made exclusively of surgical implant stainless steel, surgical implant grade titanium, Niobium (Nb), solid 14 karat or higher white or nickel-free gold, solid platinum. A dense, low-porosity plastic, including, but not limited to, Tygon or Polytetrafluoroethylene (PTFE) if the plastic contains no intentionally added lead.	PASS

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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)

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Sample Type: Body Jewelry
Analyzed by: JM on 9/3-4/26
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	Metal components	Lead	Cadmium	Unit
1	Graduated stone setting	< 20	< 10	ppm
	Non-metal components			
2	Large stone 2.5mm	< 20	< 10	ppm
3	Medium stone 2mm	< 20	< 10	ppm
4	Small stone 1.5mm	< 20	< 10	ppm
	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.

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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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 Stud	75.00	0.300	74.70	75.22	%/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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