



UL VERIFICATION SERVICES INC.

HARDLINES TESTING LABORATORY • 611 DREAM VALLEY ROAD • ROGERS, AR 72756
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Evaluation of Test Results

Lab Report No: ARHL0906730

Issue Date: March 02, 2022

Item Description: 24K GP STS 3MM BALL EARRING



Rating: **Pass**

CLIENT: Richline Group

COUNTRY OF ORIGIN: Not Provided

SOURCING OFFICE: Not Applicable

SUPPLIER NAME: Richline Group Inc

STYLE NUMBER: 018IN2-10C

REASON FOR TESTING: Evaluation of the sample to client requirements.

*** Please see the following pages for additional item information ***

FACTORY NAME: Not Applicable

FACTORY NUMBER: Not Applicable

ADDITIONAL INFORMATION

1. The sample complies with the client requirement of no more than 100 ppm total lead (Pb) by weight and no more than 75 ppm total cadmium (Cd) by weight in substrate materials. See attached analytical chemistry report for results.
2. The sample's clutch and post comply with the Nickel spot test requirements. See attached analytical chemistry report for results.
3. The sample's ball complies with the nickel release requirement of less than 0.2ug/cm²/week using test method EN 1811 and EN 12472. See attached analytical chemistry report for results.

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ADDITIONAL SAMPLE INFORMATION

SIZE(S)	COLOR(S)
Not Applicable	Not Applicable
PO NUMBER(S)	
Not Applicable	
UPC CODE(S)	
Not Applicable	
ITEM NUMBER(S)	
Not Applicable	

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Andrea Bertschy
LABORATORY MANAGER

UL VERIFICATION SERVICES INC.

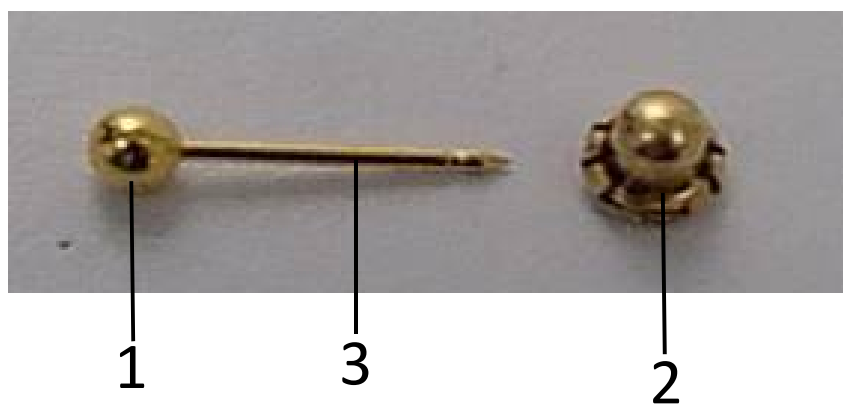
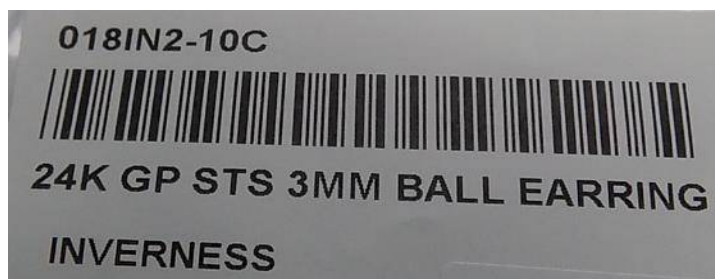


Chris Dahl
SENIOR LABORATORY MANAGER

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Analytical Chemistry Report

ARHL0906730

Test Summary

Specification / Test Type	Result
1) Lead and Cadmium Content of Metal Substrates	Pass
2) Screening for Nickel Release	Pass
3) Nickel Release	Pass

Component List

Component	Description
1	Ball - gold
2	Clutch - gold
3	Post - gold

Note: Multiple component numbers on a single test line represent a composite test or combined components

Test Data

1) Lead and Cadmium Content of Metal Substrates

Test Method: Lead and cadmium content was determined with reference to US Consumer Product Safety Commission method CPSC-CH-E1001-08.3

Component	Cd	Pb	Rating
Limit	75	100	-
1	17	< 10	Pass
2	5	13	Pass
3	16	< 10	Pass

Note: Pb - LOD = 10 mg/kg
Cd - LOD = 5 mg/kg

2) Screening for Nickel Release

Test Method: Components were screened for nickel release in reference to PD CR 12471:2002

Component	Result	Rating
1	Uncertain	-
2	Negative	Pass
3	Negative	Pass

Note: Components that are not negative for screening are further subjected to nickel release testing according to EN 1811.

† - Result above the applicable limit. Additional testing was required to determine rating

< = less than

ND = Not Detected, LOD = Limit of Detection

Results expressed in mg/kg unless otherwise noted

Analytical Chemistry Results

ARHL0906730

3) Nickel Release

Test Method: The following components were analyzed for released nickel with reference to EN 1811:2011+A1:2015/EN 12472:2020

Component	1
Results	-----
Ni Release - Rep 1	< 0.02
Ni Release - Rep 2	< 0.02
Ni Release - Rep 3	0.05
Requirement Limit	0.2
Rating	Pass
-----	-----
Exp. Details	-----
Ext. Area (sq. cm)	0.28
Ext. Volume (mL)	3
Masking	YES
LOD	0.02
Testing Start Date	02/21/2022
Testing End Date	02/28/2022

Note: Ni Release and Limits are reported in ug/sq. cm/week.
Due to method uncertainty, pass/fail is determined at 0.88 for samples with a limit of 0.5. Samples with a limit of 0.2 are determined at 0.35.

† - Result above the applicable limit. Additional testing was required to determine rating

< = less than

ND = Not Detected, LOD = Limit of Detection

Results expressed in mg/kg unless otherwise noted