



Test Report

No.: QDHL2409013172JW

Date: Sep 20, 2024

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JUNIPURR JEWELRY
7800 WOODBINE AVENUE, UNIT 106, MARKHAM, ON L3R2N7 CANADA

Sample Description : 14K ROSE GOLD, 14K YELLOW GOLD, 14K WHITE GOLD

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

SGS Ref No. : TAOHL24006855801

Sample Receiving Date : Sep 10, 2024

Test Performing Date : Sep 10, 2024 to Sep 20, 2024

Test Requested

Test Result

ASTM F 2999-19 - Total Lead content in adult's jewelry

Pass

ASTM F 2999-19 - Total Cadmium content in certain substrate materials of adult's jewelry

Pass

ASTM F 2999-19 - American Society for Testing and Materials - Nickel release

See Results

ASTM F 2923-20 - Total Cadmium content in certain substrate materials of children's jewelry

Pass

ASTM F 2923-20 - Total Lead content in children's jewelry

Pass

ASTM F 2923-20 - Nickel release

Pass

Remark: Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Qingdao) Co., Ltd.

Zhou Xinkuan, SK
Authorized Signatory

Scan to see the report



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Verification:
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Test Result(s) :

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	TAO24-0068558-0001.C001	Rose golden plated metal Chinese Loong casting
SN2	A2	TAO24-0068558-0001.C002	Golden plated metal Chinese Loong casting
SN3	A3	TAO24-0068558-0001.C003	Light golden plated metal Chinese Loong casting
SN4	A4	TAO24-0068558-0001.C004	Rose golden plated metal leaves collet
SN5	A5	TAO24-0068558-0001.C005	Golden plated metal leaves collet
SN6	A6	TAO24-0068558-0001.C006	Light golden plated metal leaves collet
SN7	A7	TAO24-0068558-0001.C007	Rose golden plated metal trapezoid/boat/triangle collet
SN8	A8	TAO24-0068558-0001.C008	Golden plated metal trapezoid/boat/triangle collet
SN9	A9	TAO24-0068558-0001.C009	Light golden plated metal trapezoid/boat/triangle collet

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) “-” = Not Regulated

ASTM F 2999-19 - Total Lead content in adult's jewelry

Test Method: With reference to CPSC-CH-E1001-08.3, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A1	A2	A3
Lead (Pb)	6.0	%	0.0020	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A4	A5	A6
Lead (Pb)	6.0	%	0.0020	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A7	A8	A9
Lead (Pb)	6.0	%	0.0020	ND	ND	ND
Conclusion				Pass	Pass	Pass



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ASTM F 2999-19 - Total Cadmium content in certain substrate materials of adult's jewelry
Test Method: With reference to CPSC-CH-E1001-08.3, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A1	A2	A3
Cadmium (Cd)	1.5	%	0.002	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A4	A5	A6
Cadmium (Cd)	1.5	%	0.002	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A7	A8	A9
Cadmium (Cd)	1.5	%	0.002	ND	ND	ND
Conclusion				Pass	Pass	Pass

Notes:

(1) No migration of elements test(s) was(were) conducted due to the total content results do not exceed Relevant limits.

ASTM F 2999-19 -American Society for Testing and Materials -Nickel release
Test Method: With reference to EN 1811:2011+ A1:2015, analysis was performed by ICP-OES.

Test Item(s)	Unit(s)	MDL	A1-Trial1	A1-Trial2	A1-Trial3
Volume of Test Solution	mL	-	2.00	2.00	2.00
Sample Area	cm ²	-	1.65	1.65	1.65
Nickel Release	µg/cm ² /week	0.10	ND	ND	ND

Test Item(s)	Unit(s)	MDL	A2-Trial1	A2-Trial2	A2-Trial3
Volume of Test Solution	mL	-	2.00	2.00	2.00
Sample Area	cm ²	-	1.65	1.65	1.65
Nickel Release	µg/cm ² /week	0.10	ND	ND	ND

Test Item(s)	Unit(s)	MDL	A3-Trial1	A3-Trial2	A3-Trial3
Volume of Test Solution	mL	-	2.00	2.00	2.00
Sample Area	cm ²	-	1.65	1.65	1.65
Nickel Release	µg/cm ² /week	0.10	ND	ND	ND

Test Item(s)	Unit(s)	MDL	A4-Trial1	A4-Trial2	A4-Trial3
Volume of Test Solution	mL	-	3.00	3.00	3.00
Sample Area	cm ²	-	2.68	2.68	2.68
Nickel Release	µg/cm ² /week	0.10	ND	ND	ND



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Test Item(s)	Unit(s)	MDL	A5-Trial1	A5-Trial2	A5-Trial3
Volume of Test Solution	mL	-	3.00	3.00	3.00
Sample Area	cm ²	-	2.68	2.68	2.68
Nickel Release	µg/cm ² /week	0.10	ND	ND	ND

Test Item(s)	Unit(s)	MDL	A6-Trial1	A6-Trial2	A6-Trial3
Volume of Test Solution	mL	-	3.00	3.00	3.00
Sample Area	cm ²	-	2.68	2.68	2.68
Nickel Release	µg/cm ² /week	0.10	ND	ND	ND

Test Item(s)	Unit(s)	MDL	A7-Trial1	A7-Trial2	A7-Trial3
Volume of Test Solution	mL	-	2.00	2.00	2.00
Sample Area	cm ²	-	2.23	2.23	2.23
Nickel Release	µg/cm ² /week	0.10	ND	ND	ND

Test Item(s)	Unit(s)	MDL	A8-Trial1	A8-Trial2	A8-Trial3
Volume of Test Solution	mL	-	2.00	2.00	2.00
Sample Area	cm ²	-	2.23	2.23	2.23
Nickel Release	µg/cm ² /week	0.10	ND	ND	ND

Test Item(s)	Unit(s)	MDL	A9-Trial1	A9-Trial2	A9-Trial3
Volume of Test Solution	mL	-	2.00	2.00	2.00
Sample Area	cm ²	-	2.23	2.23	2.23
Nickel Release	µg/cm ² /week	0.10	ND	ND	ND

Notes:

(1) Simulation of wear and corrosion according to EN 12472:2005+A1: 2009 has been not applied prior to the EN 1811:2011+A1: 2015.

ASTM F 2923-20 - Total Cadmium content in certain substrate materials of children's jewelry

Test Method: With reference to CPSC-CH-E1001-08.3, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A1	A2	A3
Cadmium (Cd)	75	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A4	A5	A6
Cadmium (Cd)	75	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass



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Test Item(s)	Limit	Unit(s)	MDL	A7	A8	A9
Cadmium (Cd)	75	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass

Notes:

(1) No migration of elements test(s) was(were) conducted due to the total content results do not exceed relevant limits.

ASTM F 2923-20 - Total Lead content in children's jewelry

Test Method: With reference to CPSC-CH-E1001-08.3, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A1	A2	A3
Lead (Pb)	100	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A4	A5	A6
Lead (Pb)	100	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A7	A8	A9
Lead (Pb)	100	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass

ASTM F 2923-20 - Nickel release

Test Method: As specified in EN 1811:2011+ A1:2015, analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A1-Trial1	A1-Trial2	A1-Trial3
Volume of Test Solution	-	mL	-	2.00	2.00	2.00
Sample Area	-	cm ²	-	1.65	1.65	1.65
Nickel Release	0.2	µg/cm ² /week	0.10	ND	ND	ND
Conclusion				Pass		

Test Item(s)	Limit	Unit(s)	MDL	A2-Trial1	A2-Trial2	A2-Trial3
Volume of Test Solution	-	mL	-	2.00	2.00	2.00
Sample Area	-	cm ²	-	1.65	1.65	1.65
Nickel Release	0.2	µg/cm ² /week	0.10	ND	ND	ND
Conclusion				Pass		



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Test Item(s)	Limit	Unit(s)	MDL	A3-Trial1	A3-Trial2	A3-Trial3
Volume of Test Solution	-	mL	-	2.00	2.00	2.00
Sample Area	-	cm ²	-	1.65	1.65	1.65
Nickel Release	0.2	µg/cm ² /week	0.10	ND	ND	ND
Conclusion				Pass		

Test Item(s)	Limit	Unit(s)	MDL	A4-Trial1	A4-Trial2	A4-Trial3
Volume of Test Solution	-	mL	-	3.00	3.00	3.00
Sample Area	-	cm ²	-	2.68	2.68	2.68
Nickel Release	0.2	µg/cm ² /week	0.10	ND	ND	ND
Conclusion				Pass		

Test Item(s)	Limit	Unit(s)	MDL	A5-Trial1	A5-Trial2	A5-Trial3
Volume of Test Solution	-	mL	-	3.00	3.00	3.00
Sample Area	-	cm ²	-	2.68	2.68	2.68
Nickel Release	0.2	µg/cm ² /week	0.10	ND	ND	ND
Conclusion				Pass		

Test Item(s)	Limit	Unit(s)	MDL	A6-Trial1	A6-Trial2	A6-Trial3
Volume of Test Solution	-	mL	-	3.00	3.00	3.00
Sample Area	-	cm ²	-	2.68	2.68	2.68
Nickel Release	0.2	µg/cm ² /week	0.10	ND	ND	ND
Conclusion				Pass		

Test Item(s)	Limit	Unit(s)	MDL	A7-Trial1	A7-Trial2	A7-Trial3
Volume of Test Solution	-	mL	-	2.00	2.00	2.00
Sample Area	-	cm ²	-	2.23	2.23	2.23
Nickel Release	0.2	µg/cm ² /week	0.10	ND	ND	ND
Conclusion				Pass		

Test Item(s)	Limit	Unit(s)	MDL	A8-Trial1	A8-Trial2	A8-Trial3
Volume of Test Solution	-	mL	-	2.00	2.00	2.00
Sample Area	-	cm ²	-	2.23	2.23	2.23
Nickel Release	0.2	µg/cm ² /week	0.10	ND	ND	ND
Conclusion				Pass		



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Test Item(s)	Limit	Unit(s)	MDL	A9-Trial1	A9-Trial2	A9-Trial3
Volume of Test Solution	-	mL	-	2.00	2.00	2.00
Sample Area	-	cm ²	-	2.23	2.23	2.23
Nickel Release	0.2	µg/cm ² /week	0.10	ND	ND	ND
Conclusion				Pass		

Notes:

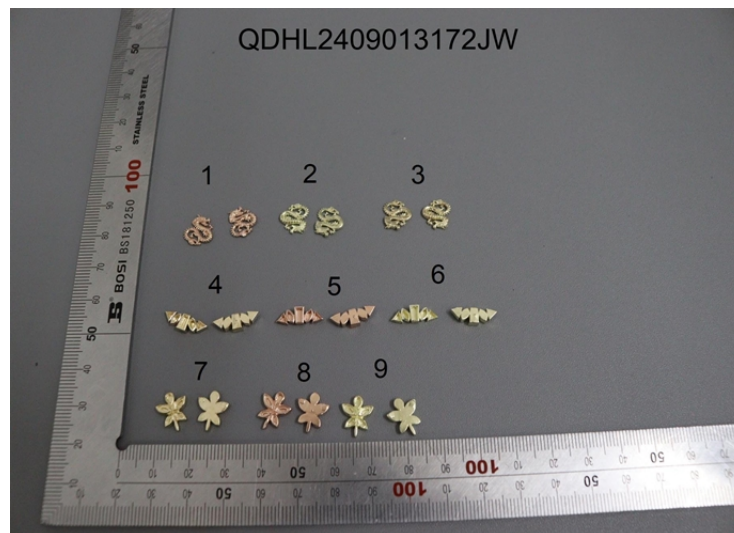
- (1) Simulation of wear and corrosion according to EN 12472:2005+A1: 2009 has been not applied prior to the EN 1811:2011+A1: 2015.
- (2) Combined measurement uncertainty is applied to compliance decision rule according to the clause 9.2.2, EN 1811:2011+A1: 2015 as below:

Type of sample	Nickel Release (µg/cm ² /week)	
	PASS	FAIL
Article with Nickel release limit of 0.5µg/cm ² /week	<0.88	≥ 0.88
Article with Nickel release limit of 0.2µg/cm ² /week	<0.35	≥ 0.35

Remark:

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.

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