DONGGUAN XINRUI JEWELRY CO.,LTD.
ROOM 201, 23, HUANGLANG ROAD, YONGTOU COMMUNITY, CHANG'AN TOWN, DONGGUAN, GUANGDONG, CHINA

Sample Description	: BOX CHAIN
Manufacturer	: DONGGUAN XINRUI JEWELRY CO., LTD.
Supplier	: DONGGUAN XINRUI JEWELRY CO., LTD.
Country of Origin	: CHINA

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.

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SGS Ref No.	: CAN23-0002971
Sample Receiving Date	: Feb 17, 2023
Test Performing Date	: Feb 17, 2023 to Feb 28, 2023
Test Performed	: Selected test(s) as requested by applicant
Test Result(s)	:

	Test Requirement	Conclusion
1	Entry 27 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006-Nickel release	Pass
2	US California Proposition 65 - Cadmium	Pass
3	US California Proposition 65 - Lead	Pass
4	Entry 63 of Regulation (EU) 2015/628 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Total Lead (Metal)	Pass
5	Entry 23 of Regulation (EU) 2016/217 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Cadmium and its compounds	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Joan Huang

scan to see the report
GZHL2302003306JW

Joan Huang
Authorized Signatory

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Test Result(s):

Test Part Description：

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN23-0002971-0001.C001	Golden metal
SN2	A2	CAN23-0002971-0001.C002	Silvery metal

Remarks:

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

Entry 27 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006-Nickel release

A.Test Method: With reference to EN 1811:2011+ A1:2015, analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	*A2-Trial1*	*A2-Trial2*	*A2-Trial3*
Volume of Test Solution	-	mL	-	125.96	125.96	125.96
Sample Area	-	cm^2	-	125.96	125.96	125.96
Nickel Release	0.5	$\mu g/cm^2$/ week	0.10	ND	ND	ND
Conclusion					**Pass**	

Notes:

(1) Comments are given according to Annex A of EN 1811:2011+A1: 2015 as below:

Type of sample	Nickel Release ($\mu g/cm^2$/week)	
	PASS	FAIL
Article with Nickel release limit of 0.5$\mu g/cm^2$/week	<0.88	≥ 0.88
Article with Nickel release limit of 0.2$\mu g/cm^2$/week	<0.35	≥ 0.35

B.Test Method: With reference to 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	-	125.96	125.96	125.96
Sample Area	-	cm^2	-	125.96	125.96	125.96
Whether performed by EN 12472:2020 or not	-	-	-	YES	YES	YES
Nickel Release	0.5	$\mu g/cm^2$/ week	0.10	0.19	0.20	0.27
Conclusion					**Pass**	

Notes:

(1) NO:As Nickel is found to be positive by CEN/TR 12471:2022, simulation of wear and corrosion by the EN

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12472:2020 is not performed
YES:As Nickel is found to be negative by CEN/TR 12471:2022, simulation of wear and corrosion by the EN 12472:2020 is performed
(2) Comments are given according to Annex A of 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

US California Proposition 65 - Cadmium

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*
Cadmium(Cd)	300	mg/kg	5	ND	ND
Conclusion				**Pass**	**Pass**

Notes :
(1) The limit is referenced to the requirement as stated in the County of San Francisco Superior Court, Case No. CGC-09-489839/CGC-08-476552/CGC-11-508435/CGC-01-319336/CGC-10-505118/County of Santa Clara Case No 110 CV 172362/the Superior Court of the State of California Case No CIV 1003366/County of Alameda Superior Court, RG 10-530436/10-530300/RG-07-356892/RG-10-514803/County of Contra Costa Case No. CGC-09-485784/County of Marin Case No. CIV-10-00626/ Senate Bill No. 929 and Public Law (Consumer Product Safety Improvement Act of 2008, CPSIA).

US California Proposition 65 - Lead

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*
Lead(Pb)	100	mg/kg	20	ND	ND
Conclusion				**Pass**	**Pass**

Notes :
(1) The limit is referenced to the requirement as stated in the County of San Francisco Superior Court, Case No. CGC-09-489839/CGC-08-476552/CGC-11-508435/CGC-01-319336/CGC-10-505118/County of Santa Clara Case No 110 CV 172362/the Superior Court of the State of California Case No CIV 1003366/County of Alameda Superior Court, RG 10-530436/10-530300/RG-07-356892/RG-10-514803/County of Contra Costa Case No. CGC-09-485784/County of Marin Case No. CIV-10-00626/ Senate Bill No. 929 and Public Law (Consumer Product Safety Improvement Act of 2008, CPSIA).

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Entry 63 of Regulation (EU) 2015/628 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Total Lead (Metal)

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*
Total Lead (Pb)	500	mg/kg	20	ND	ND
Conclusion				**Pass**	**Pass**

Entry 23 of Regulation (EU) 2016/217 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Cadmium and its compounds

Test Method: SGS In-house method (GZTC CHEM-TOP-009-01, with reference to EPA 3050B:1996), analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	*A1*	*A2*
Cadmium(Cd)	0.01	%	0.0005	ND	ND
Conclusion				**Pass**	**Pass**

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.

Sample Photo:

Product Photo

End of Report

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