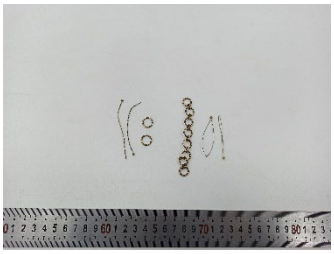
TEST REPORT

Test Report #	23A-001033	Date of Report Issue:	March 3, 2023
Date of Sample Received:	February 15, 2023	Pages:	Page 1 of 7

CLIENT INFORMATION:

Company:	Gohandmade Dsign International A/S
Address:	Madevej 11-13, 6200 Aabenraa, Denmark



SAMPLE INFORMATION:

Product Name:	Metal parts of Stitch Markers		
Style No.:	-	Labeled Age Grade:	-
Order No.(PO No.):	-	Client Request Age Grade:	-
Country of Origin:	-	Recommended Age Grade:	-
Country of Distribution:	Europe	Tested Age Grade:	-
Buyer Name:	Gohandmade Dsign International A/S		
Testing Period:	02/15/2023-03/03/2023		

OVERALL RESULT: **PASS**

Please refer to the following pages for test result summary and appropriate notes.

QIMA (HANGZHOU) TESTING CO., LTD.

Jeremy Xu
Chemical Laboratory Supervisor

Test(s) marked with 'φ' was subcontracted to external laboratory.
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TEST RESULTS SUMMARY:

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED
PASS	Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 27 Nickel Release

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DETAILED RESULTS:

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 27 Nickel Release

Test Method: EN 12472:2020&EN 1811:2011+A1:2015 [1]/ EN 1811:2011+A1:2015[2]
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Direct and Prolonged Contact with Skin

Specimen No.	1			
	Trial 1	Trial 2	Trial 3	
Test Item	Result	Result	Result	**Limit**
Size of Tested Sample Area (cm^2)	2	2	2	
Volume of Test solution Used (mL)	2	2	2	
Nickel result ($\mu g/cm^2$/week)[1]	ND	ND	ND	**0.5***
Nickel result ($\mu g/cm^2$/week)[2]	ND	ND	ND	
Conclusion	PASS			

Specimen No.	2			
	Trial 1	Trial 2	Trial 3	
Test Item	Result	Result	Result	**Limit**
Size of Tested Sample Area (cm^2)	1	1	1	
Volume of Test solution Used (mL)	1	1	1	
Nickel result ($\mu g/cm^2$/week)[1]	ND	ND	ND	**0.5***
Nickel result ($\mu g/cm^2$/week)[2]	ND	ND	ND	
Conclusion	PASS			

Note:
cm^2 = Square centimeters
$\mu g/cm^2$/week = Micrograms per square centimeter per week
mL = Millilitres
LT = Less than
ND = Not detected (Reporting Limit = 0.1 $\mu g/cm^2$/week)
*According to EN 1811:2011+A1:2015 Section 9.2.2, the compliance shall be evaluated with the combined measurement uncertainty, an article is:
Pass and permitted to be placed on the market when the nickel release value is less than 0.88 $\mu g/cm^2$/week;
Fail when the nickel release value is greater than or equal to 0.88 $\mu g/cm^2$/week.

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DETAILED RESULTS:

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 27 Nickel Release

Test Method: EN 12472:2020&EN 1811:2011+A1:2015 [1]/ EN 1811:2011+A1:2015[2]
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Direct and Prolonged Contact with Skin

Specimen No.	3			
	Trial 1	Trial 2	Trial 3	
Test Item	Result	Result	Result	**Limit**
Size of Tested Sample Area (cm^2)	2	2	2	
Volume of Test solution Used (mL)	2	2	2	
Nickel result ($\mu g/cm^2$/week)[1]	0.15	ND	ND	**0.5***
Nickel result ($\mu g/cm^2$/week)[2]	0.20	ND	0.18	
Conclusion	PASS			

Specimen No.	4			
	Trial 1	Trial 2	Trial 3	
Test Item	Result	Result	Result	**Limit**
Size of Tested Sample Area (cm^2)	1	1	1	
Volume of Test solution Used (mL)	1	1	1	
Nickel result ($\mu g/cm^2$/week)[1]	ND	ND	ND	**0.5***
Nickel result ($\mu g/cm^2$/week)[2]	ND	ND	ND	
Conclusion	PASS			

Note:
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mL = Millilitres
LT = Less than
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DETAILED RESULTS:

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 27 Nickel Release

Test Method: EN 12472:2020&EN 1811:2011+A1:2015 [1]/ EN 1811:2011+A1:2015[2]
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Direct and Prolonged Contact with Skin

Specimen No.	5			
	Trial 1	Trial 2	Trial 3	
Test Item	Result	Result	Result	**Limit**
Size of Tested Sample Area (cm^2)	4	4	4	
Volume of Test solution Used (mL)	4	4	4	
Nickel result ($\mu g/cm^2$/week)[1]	ND	ND	ND	**0.5***
Nickel result ($\mu g/cm^2$/week)[2]	ND	ND	ND	
Conclusion	PASS			

Note:
cm^2 = Square centimeters
$\mu g/cm^2$/week = Micrograms per square centimeter per week
mL = Millilitres
LT = Less than
ND = Not detected (Reporting Limit = 0.1 $\mu g/cm^2$/week)
*According to EN 1811:2011+A1:2015 Section 9.2.2, the compliance shall be evaluated with the combined measurement uncertainty, an article is:
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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Dull golden metal	Thick wire
2	Dull golden metal	Ring
3	Dull golden metal	Thin wire
4	Dull golden metal	Bead of thin wire
5	Dull golden metal	Chain

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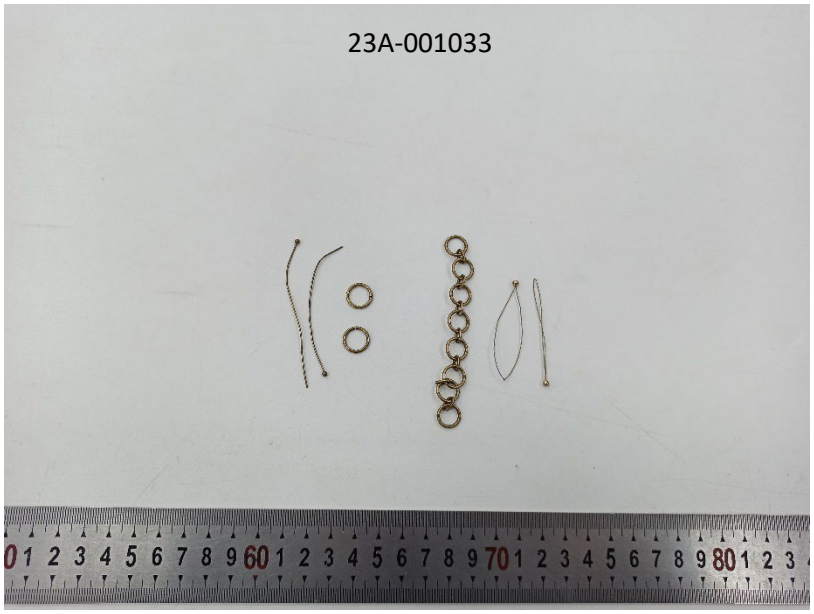
SAMPLE PHOTO:



-End Report-

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