

TEST REPORT

Test information

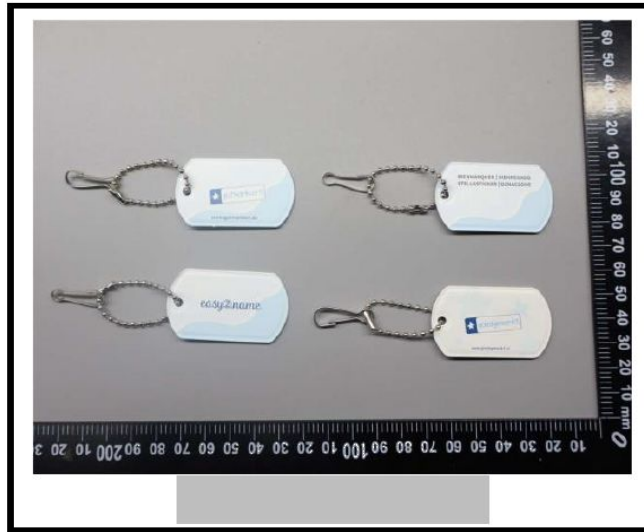
Applicant	:	
Address	:	
Product name	:	metal tag
Item No.	:	
Country of Origin	:	
Receiving Date	:	Nov 19,2024
Test period	:	Nov 19,2024~Nov 26,2024
Test Requested	:	Tests requested in accordance to client requirement.

<u>TEST ITEMS</u>	<u>CONCLUSION</u>
Total Lead (Pb) - Entry 63 of annex XVii of reach regulation (EC)No 1907/2006 amended by commission regulation (EU) 2015/628&(EU) 2023/923	PASS
Total Cadmium(Cd) - Entry 23 of Commission Regulation (EU) No 835/2012 Amending Annex XVII of REACH Regulation (EC) No 1907/2006	PASS
Total Phthalates content - Entry 51&52 of Commission Regulation(EU)2018/2005 amending Annex XVII of REACH Regulation (EC)No1907/2006	PASS
Nickel Release Content Test - Entry 27 of Regulation (EC) No 552/2009 Amending Annex XVII of REACH Regulation (EC) No 1907/2006 on the release of Nickel content.	PASS

DATA = see results or see next page.

Approved signatory

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Sample Image:

TEST RESULT:**1.Total Lead (Pb)-Entry 63 of annex XVii of reach regulation (EC)No 1907/2006 amended by commission regulation (EU) 2015/628&(EU) 2023/923(Unit:mg/kg)****Test Method:**CPSC-CH-E1001-08.3,Was analysed by AAS.

Material No.	Item/ component description(s)	Material	Color	Remark
001	Silver metal hook buckle	metal	Silver	-
002	Silver metal bead chain	metal	Silver	-
003	Silver metal Connect button	metal	Silver	-
004	metal pendant	metal	-	-

No.	Test Item	CAS No.	MDL	Limit	Result	
					001+002+003	004
1	Lead(Pb)	7439-92-1	5	≤ 500	14	N.D.
Conclusion					PASS	PASS

Note:

1. N.D. = not detected, less than MDL(Method Detection Limit)

2.Total Cadmium(Cd)-Entry 23 of Commission Regulation (EU) No 835/2012 Amending Annex XVII of REACH Regulation (EC) No 1907/2006(Unit:mg/kg)**Test Method:**Refer to CPSC-CH-E1001-08.3,Was analysed by AAS.

Material No.	Item/ component description(s)	Material	Color	Remark
001	Silver metal hook buckle	metal	Silver	-
002	Silver metal bead chain	metal	Silver	-
003	Silver metal Connect button	metal	Silver	-
004	metal pendant	metal	-	-

No.	Test Item	CAS No.	MDL	Limit	Result	
					001+002+003	004
1	Cadmium(Cd)	7440-43-9	5	≤ 100	N.D.	N.D.
Conclusion					PASS	PASS

Note:

1. N.D. = not detected, less than MDL(Method Detection Limit)

3.Phthalates content-Entry 51&52 of Commission Regulation(EU)2018/2005 amending Annex XVII of REACH Regulation (EC)No1907/2006(Unit:mg/kg)

Test Method:EN 14372:2004 6.3.2,was analysed by Gas Chromatograph-Mass Spectrometer (GC-MS).

Material No.	Item/ component description(s)		Material	Color	Remark
005	White/blue coating (surface of pendant)		coating	White/blue	-

No.	Test Item	CAS No.	MDL	Limit	Result
					005
1	Dibutyl Phthalate(DBP)	84-74-2	50	≤ 1000	N.D.
2	Benzylbutyl Phthalate(BBP)	85-68-7	50	≤ 1000	N.D.
3	Bis-(2-ethylhexyl)Phthalate(DEHP)	117-81-7	50	≤ 1000	N.D.
4	Diisobutyl phthalate (DIBP)	84-69-5	50	≤ 1000	N.D.
5	Total(DBP+BBP+DEHP+DIBP)	-	-	≤ 1000	N.D.
6	Di-n-octyl Phthalate(DNOP)	117-84-0	50	≤ 1000	N.D.
7	Diisodecyl Phthalate(DIDP)	26761-40-0/ 68515-49-1	50	≤ 1000	N.D.
8	Di-iso-nonyl Phthalate(DINP)	28553-12-0/ 68515-48-0	50	≤ 1000	N.D.
9	Total(DNOP+DIDP+DINP)	--	-	≤ 1000	N.D.
Conclusion					PASS

Note:

1. N.D. = not detected, less than MDL(Method Detection Limit).

4.Nickel Release Content Test-Entry 27 of Regulation (EC) No 552/2009 Amending Annex XVII of REACH Regulation (EC) No 1907/2006 on the release of Nickel content.

Test Method:BS EN 1811:2023 & EN 12472:2020,was analysed by ICP-OES

Material No.	Item/ component description(s)	Material	Color	Remark
001	Silver metal hook buckle	metal	Silver	-
002	Silver metal bead chain	metal	Silver	-
003	Silver metal Connect button	metal	Silver	-

No.	Test Item	MDL	Limit	Result
				001+002+003
1	Test area cm	-	-	6.2
2	Artificial sweat volume mL	-	-	10
3	Nickel release-trial 1 ug.cm ⁻² .week ⁻¹	0.01	≤ 0.5	N.D.
4	Nickel release-trial 2 ug.cm ⁻² .week ⁻¹	0.01	≤ 0.5	N.D.
5	Nickel release-trial 3 ug.cm ⁻² .week ⁻¹	0.01	≤ 0.5	N.D.
Conclusion				PASS

Note:

1. N.D. = not detected, less than MDL(Method Detection Limit).

Remark:

Directive	Item	Maximum Permissible Limit (µg.cm ⁻² .week ⁻¹)
Entry 27 of Regulation (EC) No 552/2009 Amending Annex XVII of REACH Regulation (EC) No 1907/2006 on the release of Nickel content.	Products intended to come into direct and prolonged contact with skin	0.5
	All post assemblies which are inserted into pierced ears and other pierced parts of the human body	0.2

1) For articles intended to come into direct and prolonged contact with the skin:

According to BS EN1811:2023 Article shall be accepted and be permitted to be placed on the market if the measured value is less than 0.88µg.cm⁻².week⁻¹.

2) For all post piercing assemblies inserted into pierced ears and other pierced parts of the human body:

According to BS EN1811:2023 Article shall be accepted and be permitted to be placed on the market if the measured value is less than 0.35µg.cm².week⁻¹.

5.Nickel Release Content Test-Entry 27 of Regulation (EC) No 552/2009 Amending Annex XVII of REACH Regulation (EC) No 1907/2006 on the release of Nickel content.

Test Method:BS EN 1811:2023,was analysed by ICP-OES

Material No.	Item/ component description(s)	Material	Color	Remark
004	metal pendant	metal	-	-

No.	Test Item	MDL	Limit	Result
				004
1	Test area cm	-	-	23.3
2	Artificial sweat volume mL	-	-	25
3	Nickel release-trial 1 ug.cm- .week-	0.01	≤ 0.5	N.D.
4	Nickel release-trial 2 ug.cm- .week-	0.01	≤ 0.5	N.D.
5	Nickel release-trial 3 ug.cm- .week-	0.01	≤ 0.5	N.D.
Conclusion				PASS

Note:

1. N.D. = not detected, less than MDL(Method Detection Limit).

Remark:

Directive	Item	Maximum Permissible Limit ($\mu\text{g.cm}^{-2}.\text{week}^{-1}$)
Entry 27 of Regulation (EC) No 552/2009 Amending Annex XVII of REACH Regulation (EC) No 1907/2006 on the release of Nickel content.	Products intended to come into direct and prolonged contact with skin	0.5
	All post assemblies which are inserted into pierced ears and other pierced parts of the human body	0.2

1) For articles intended to come into direct and prolonged contact with the skin:

According to BS EN1811:2023 Article shall be accepted and be permitted to be placed on the market if the measured value is less than $0.88\mu\text{g.cm}^{-2}.\text{week}^{-1}$.

2) For all post piercing assemblies inserted into pierced ears and other pierced parts of the human body:

According to BS EN1811:2023 Article shall be accepted and be permitted to be placed on the market if the measured value is less than $0.35\mu\text{g.cm}^{-2}.\text{week}^{-1}$.

----- End of Report -----



Statement

- 1.The information as listed on the first page of this test report was all provided by the client except the sample from, date received, test period, test results and test conclusion. The client shall be responsible for the representativeness of sample and authenticity of materials, for which [REDACTED] shall bear no responsibilities.
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- 7.For other statements, please refer to the footer of the report.