



Test Report

Report No : TST20230880222-6EN

Date: Aug. 19, 2023

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Applicant Ravencourt Ltd
Address Cobbsnook Buildings, Stamford Lincs , PE9 4JJ, UK
Manufacturer Ravencourt Ltd
Address Cobbsnook Buildings, Stamford Lincs , PE9 4JJ, UK

The following sample(s) was /were submitted and identified on behalf of the clients as :

Sample Name : Talking analog watch
Main Model : PELW01G
Series Models : PELW02, PELRC01, PELRC02, PELRC01EXP
Sample Received Date : Aug. 11, 2023
Testing Period : Aug. 11, 2023 To Aug. 19, 2023
Test Requested : According to customer requirements, test the samples.
Test Method : Please refer to next page(s).
Test Result : Please refer to next page(s).

Result Summary:

Test Requested	Conclusion
Total Nickel release- -European Regulation (EC) No.1907/2006 of the Registration Evaluation, Authorisation and Restriction of Chemicals (REACH) Annex XVII Item 27.	Pass

Signed for and on behalf of

Andy

Andy Zheng
Technical Director



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Sample Description:

No.	Description
1	Silver metal

Nickel release test

Test Method and Test Equipment:

Test Item	Test Method	Test Equipment
Nickel release	EN 1811:2023	ICP-AES

Test Result :

Test Item	Unit	MDL	Result	Limit
Nickel release	$\mu\text{g} \cdot \text{cm}^{-2} \cdot \text{week}^{-1}$	0.10	N.D.	See remark

Remark:

- ND = Not Detected (less than MDL).
- MDL = Method Detection Limit.
- $\mu\text{g} \cdot \text{cm}^{-2} \cdot \text{week}^{-1}$ = Microgram per square centimetre per week.
- The maximum limit was quoted from European Directive 94/27/EC & 2004/96/EC.
- In all post assemblies which are inserted into pierced ears and other pierced parts of the human body, unless the rate of nickel release from such post assemblies is less than $0.2 \mu\text{g} \cdot \text{cm}^{-2} \cdot \text{week}^{-1}$.
- In products intended to come into direct and prolonged contact with the skin is less than $0.5 \mu\text{g} \cdot \text{cm}^{-2} \cdot \text{week}^{-1}$.

Conclusions	Compliant	Non -Compliant
For articles with a migration limit of $<0.2 \mu\text{g} \cdot \text{cm}^{-2} \cdot \text{week}^{-1}$	≤ 0.11 $\mu\text{g} \cdot \text{cm}^{-2} \cdot \text{week}^{-1}$	≥ 0.35 $\mu\text{g} \cdot \text{cm}^{-2} \cdot \text{week}^{-1}$
For articles with a migration limit of $<0.5 \mu\text{g} \cdot \text{cm}^{-2} \cdot \text{week}^{-1}$	≤ 0.28 $\mu\text{g} \cdot \text{cm}^{-2} \cdot \text{week}^{-1}$	≥ 0.88 $\mu\text{g} \cdot \text{cm}^{-2} \cdot \text{week}^{-1}$

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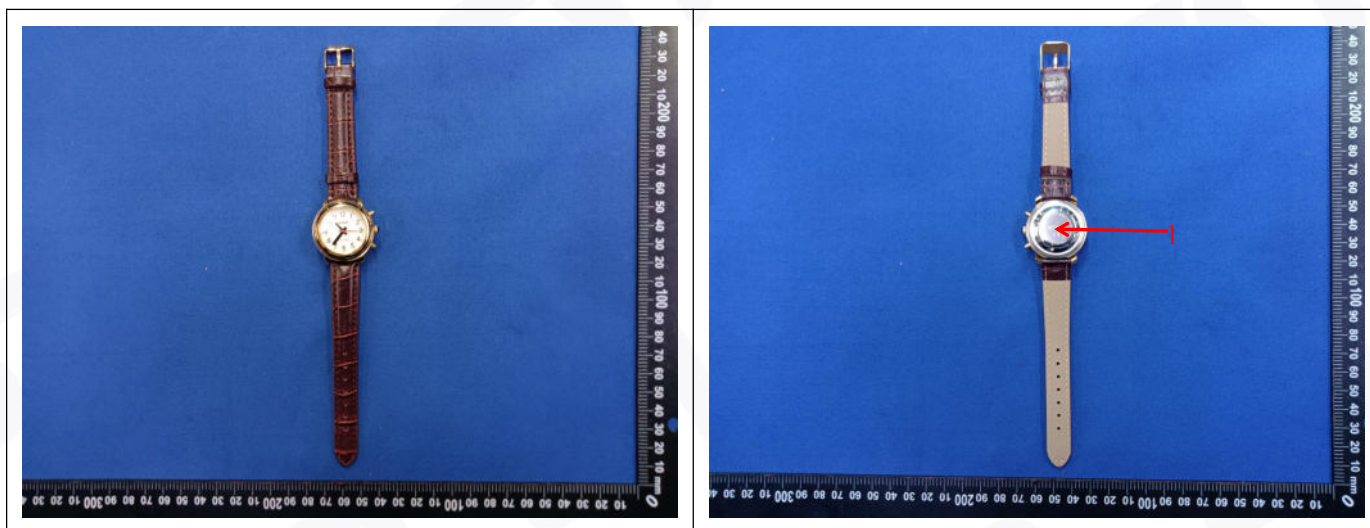
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Sample photo:



*** End of Report ***

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