

# TEST REPORT

**APPLICANT** : Xindao B.V.

**ADDRESS** : P.O. Box 3082, 2280 GB, Rijswijk, The Netherlands

**SAMPLE DESCRIPTION** : Keychain wireless speaker

**ITEM NO.** : P328.01

**COUNTRY OF ORIGIN** : China

**COUNTRY OF DESTINATION** : Europe

**SAMPLE RECEIVED DATE** : 13-Nov-2018

**TURN AROUND TIME** : 13-Nov-2018 to 22-Nov-2018

The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant

TEST REQUESTED	TEST METHOD/REGULATION	RESULT
Nickel Release	REACH Annex XVII, Entry 27	Pass

**Eurofins (Shanghai) contact information**

**Customer service:** [ElsieWu@eurofins.com](mailto:ElsieWu@eurofins.com) / +86 21 36202808

**Sales specialist:** [WandyShen@eurofins.com](mailto:WandyShen@eurofins.com) / +86 18616155723

\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*

Signed for and on behalf of  
Eurofins Product Testing Service (Shanghai) Co., Ltd



Leo Liu  
Assistant Chemical Lab Manager

*Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins Product Testing Service (Shanghai) Co., Ltd ensures that this job has been performed according to our Quality System and complying contract and legal conditions. If you happen to have any comments, please do it by sending email to [info.sh@eurofins.com](mailto:info.sh@eurofins.com) and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission of Eurofins Product Testing Service (Shanghai) Co., Ltd. If you happen to have any complaints, please do it by sending email to [china.complaint@eurofins.com](mailto:china.complaint@eurofins.com) and referring to this report number.*

**SAMPLE PHOTO****EFSH18110952-CG-01**

\*\*\*TO BE CONTINUED\*\*\*

**COMPONENT LIST**

Component No.	Component
1	Silver metal (keyring)

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Nickel Release

Test Request: Nickel release as specified in regulation (EC) No 552/2009 amending entry 27 of annex XVII of REACH Regulation (EC) No 1907/2006.

Test Method: According to EN1811:2011+A1:2015

Test Item	Unit	MDL	Test Result (*)
			1
Nickel Release	$\mu\text{g}/\text{cm}^2/\text{week}$	0.1	ND

#### Note:

MDL = method detection limit

ND = not detected, less than MDL.

$\mu\text{g}/\text{cm}^2/\text{week}$  = micrograms per square centimetre per week

#### Remark:

\* For materials and articles coming into direct and prolonged contact with the skin the migration limit is  $0.5 \mu\text{g}/\text{cm}^2/\text{week}$ . According to EN 1811:2011+A1:2015, considering the combined measurement uncertainty of the method, these materials/articles shall be accepted and be permitted to be placed on the market if the measured nickel release value is less than  $0.88 \mu\text{g}/\text{cm}^2/\text{week}$ .

Limit ( $\mu\text{g}/\text{cm}^2/\text{week}$ )	Test result ( $\mu\text{g}/\text{cm}^2/\text{week}$ )	Conclusion according to EN1811:2011+A1:2015
0.5	<0.88	Pass
	$\geq 0.88$	Fail

\* For materials and articles which are inserted into pierced ears or other pierced parts of human body the migration limit is  $0.2 \mu\text{g}/\text{cm}^2/\text{week}$ . According to EN 1811:2011+A1:2015, considering the combined measurement uncertainty of the method, these materials/articles shall be accepted and be permitted to be placed on the market if the measured nickel release value is less than  $0.35 \mu\text{g}/\text{cm}^2/\text{week}$ .

Limit ( $\mu\text{g}/\text{cm}^2/\text{week}$ )	Test result ( $\mu\text{g}/\text{cm}^2/\text{week}$ )	Conclusion according to EN1811:2011+A1:2015
0.2	<0.35	Pass
	$\geq 0.35$	Fail

\*\*\*END OF THE REPORT\*\*\*