

TEST REPORT

APPLICANT : Xindao B.V.

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

SAMPLE DESCRIPTION : 1.000 mAh keychain powerbank

ITEM NO. : P324.19

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 selected 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

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***** 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

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SAMPLE PHOTO



EFSH18110831-CG-01

TO BE CONTINUED

COMPONENT LIST

Component No.	Component
1	Silver metal(ring&chain)

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
	≥ 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
	≥ 0.35	Fail

END OF THE REPORT