

TEST REPORT

APPLICANT : Xindao B.V.

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

SAMPLE DESCRIPTION : Level ruler medium
Level ruler large

ITEM NO. : P221.60
P221.71

COUNTRY OF ORIGIN : China

COUNTRY OF DESTINATION : Europe

SAMPLE RECEIVED DATE : 04-Mar-2020

TURN AROUND TIME : 04-Mar-2020 to 16-Mar-2020

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 | EN1811:2011+A1:2015, EN 12472:2005+A1:2009 | See Test Result |

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



Lemon Zhang
Assistant Chemical Lab Manager

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SAMPLE PHOTO



EFSH20030381-CG-01

TO BE CONTINUED

COMPONENT LIST

| Component No. | Component |
|---------------|----------------------|
| 1 | Silver metal keyring |

TO BE CONTINUED

TEST RESULT

Nickel Release

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

| Test Item | Unit | MDL | Test Result (*) |
|------------------------|--------------------------|-----|-----------------|
| | | | 1 |
| Nickel Release-Trial 1 | µg/cm ² /week | 0.1 | 1.31 |
| Nickel Release-Trial 2 | µg/cm ² /week | 0.1 | 3.43 |

Note:

MDL = method detection limit

ND = not detected, less than MDL.

µg/cm²/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 µg/cm²/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 µg/cm²/week.

| Limit (µg/cm ² /week) | Test result (µg/cm ² /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 µg/cm²/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 µg/cm²/week.

| Limit (µg/cm ² /week) | Test result (µg/cm ² /week) | Conclusion according to EN1811:2011+A1:2015 |
|-------------------------------------|---|--|
| 0.2 | <0.35 | Pass |
| | ≥0.35 | Fail |

END OF THE REPORT