

# TEST REPORT

**APPLICANT** : Xindao B.V.

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

**SAMPLE DESCRIPTION** : Executive binoculars  
Promo binoculars  
Everest binoculars silver  
Everest binoculars red  
Everest binoculars blue  
Ultimate binoculars

**ITEM NO.** : P412.002  
P412.101  
P412.450  
P412.454  
P412.455  
P412.502

**COUNTRY OF ORIGIN** : China

**COUNTRY OF DESTINATION** : Europe

**SAMPLE RECEIVED DATE** : 21-Dec-2015

**FURTHER INFORMATION DATE** : 05-Jan-2016

**TURN AROUND TIME** : 05-Jan-2016 to 11-Jan-2016, 5 Working Days

The following test item(s) was/were performed on selected sample(s) and/or component(s) appointed by applicant.

| TEST REQUESTED                          | TEST METHOD/REGULATION   | RESULT |
|---|--|--------|
| Polycyclic Aromatic Hydrocarbons (PAHs) | German GS Specification document: AfPS GS 2014:01 PAK (PAK=PAHs) | Pass   |
| Polycyclic Aromatic Hydrocarbons (PAHs) | REACH Annex XVII, Entry 50                                       | Pass   |

*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 [sh.info@eurofins.com](mailto:sh.info@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.*

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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

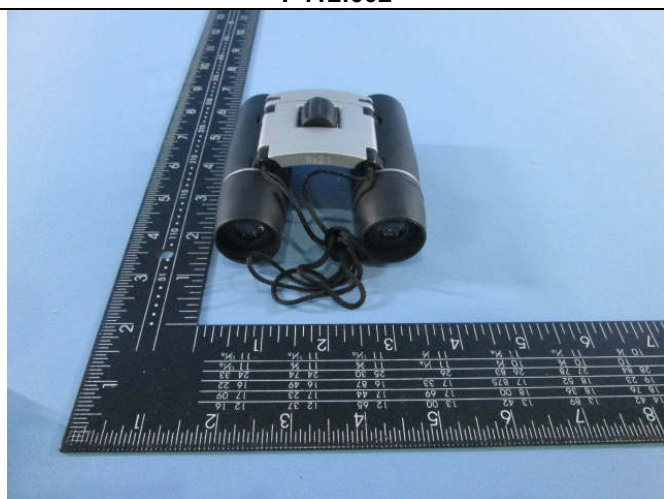


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Terric Ji  
Lab Manager

## SAMPLE PHOTO(S)


**P412.002**

**P412.101**

**P412.450**

**P412.454**

# EFSH15121330-CG-01

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

**SAMPLE PHOTO(S)****P412.455****P412.502****EFSH15121330-CG-01**

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

**COMPONENT LIST**

| Component No. | Component               |
|---------------|-------------------------|
| 1             | Black soft plastic      |
| 2             | Black plastic regulator |

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

## TEST RESULT

### Polycyclic Aromatic Hydrocarbons (PAHs)

Test Request: 18 Polycyclic Aromatic Hydrocarbons in polymers (PAHs) according to German GS Specification document: AfPS GS 2014:01 PAK (PAK=PAHs)

Test Method: Solvent extraction and quantification by gas chromatography-mass selective detection (GC-MS) with respect to AfPS GS 2014:01 PAK (PAK=PAHs) requirement

Requirement: AfPS GS 2014:01 PAK (PAK=PAHs) requirement: Limits for PAHs in Toys under Directive 2009/48/EC and Other products under ProdSG, see table 1 on next page(s):

| Parameter   | CAS No.   | Unit  | Result |      |
|---|---|-------|--------|------|
|   |   |       | 1      | 2    |
| Benzo(a)pyrene  | 50-32-8   | mg/kg | ND     | ND   |
| Benzo(e)pyrene  | 192-97-2  | mg/kg | ND     | ND   |
| Benzo(a)anthracene  | 56-55-3   | mg/kg | ND     | ND   |
| Benzo(b)fluoranthene  | 205-99-2  | mg/kg | ND     | ND   |
| Benzo(j)fluoranthene  | 205-82-3  | mg/kg | ND     | ND   |
| Benzo(k)fluoranthene  | 207-08-9  | mg/kg | ND     | ND   |
| Chrysene  | 218-01-9  | mg/kg | ND     | ND   |
| Dibenzo(a,h)anthracene  | 53-70-3   | mg/kg | ND     | ND   |
| Benzo(ghi)perylene  | 191-24-2  | mg/kg | ND     | ND   |
| Indeno(1,2,3-cd)pyrene  | 193-39-5  | mg/kg | ND     | ND   |
| Sum of Acenaphthene, Acenaphthylene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene | -   | mg/kg | 2.69   | 1.47 |
| Naphthalene   | 91-20-3   | mg/kg | 0.724  | 1.11 |
| Sum 18 PAHs   | -   | mg/kg | 3.41   | 2.58 |
| Summary to above mentioned requirement:   | For Category 2<br>(Other products under ProdSG) |       | Pass   | Pass |

**Remark:**

mg/kg = milligram per kilogram

ND = not detected, less than 0.2 mg/kg

As per client's request, only the appointed materials have been tested.

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

## TEST RESULT

**Table 1**

AfPS GS 2014:01 PAK (PAK=PAHs) requirement: Limits for PAHs in Toys under Directive 2009/48/EC and Other products under ProdSG.

| Parameter  | Unit  | Category 1<br>Materials indented to be put in the mouth, or materials of toys for children with foreseeable skin contact for longer than 30 seconds (long-term skin contact) | Category 2<br>Materials not covered by category 1, with foreseeable skin contact for longer than 30 seconds (long-term skin contact) or short-term repetitive contact with the human skin |                             | Category 3<br>Materials not covered by category 1 or 2 with foreseeable skin contact up to 30 seconds (short term skin contact) |                             |
|--|-------|--|---|-----------------------------|---|-----------------------------|
|  |       | -  | Toys under Directive 2009/48/EC   | Other products under ProdSG | Toys under Directive 2009/48/EC   | Other products under ProdSG |
| Benzo(a)pyrene   | mg/kg | <0.2   | <0.2  | <0.5                        | <0.5  | <1                          |
| Benzo(e)pyrene   | mg/kg | <0.2   | <0.2  | <0.5                        | <0.5  | <1                          |
| Benzo(a)anthracene   | mg/kg | <0.2   | <0.2  | <0.5                        | <0.5  | <1                          |
| Benzo(b)fluoranthene   | mg/kg | <0.2   | <0.2  | <0.5                        | <0.5  | <1                          |
| Benzo(j)fluoranthene   | mg/kg | <0.2   | <0.2  | <0.5                        | <0.5  | <1                          |
| Benzo(k)fluoranthene   | mg/kg | <0.2   | <0.2  | <0.5                        | <0.5  | <1                          |
| Chrysene   | mg/kg | <0.2   | <0.2  | <0.5                        | <0.5  | <1                          |
| Dibenzo(a,h)anthracene   | mg/kg | <0.2   | <0.2  | <0.5                        | <0.5  | <1                          |
| Benzo(ghi)perylene   | mg/kg | <0.2   | <0.2  | <0.5                        | <0.5  | <1                          |
| Indeno(1,2,3-cd)pyrene   | mg/kg | <0.2   | <0.2  | <0.5                        | <0.5  | <1                          |
| Acenaphthene, Acenaphthylene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene | mg/kg | <1<br>Sum*   | <5<br>Sum*  | <10<br>Sum*                 | <20<br>Sum*   | <50<br>Sum*                 |
| Naphthalene  | mg/kg | <1   | <2  |                             | <10   |                             |
| Sum* 18 PAHs   | mg/kg | <1   | <5  | <10                         | <20   | <50                         |

\* = Only those PAH components are taken into account, which have been specified in the material over the 0.2 mg/kg.

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

## TEST RESULT

### Polycyclic Aromatic Hydrocarbons (PAHs)

Test Request: Polycyclic Aromatic Hydrocarbons (PAHs) content as specified in Regulation (EU) 2015/326 amending entry 50 of Annex XVII of REACH Regulation (EC) No 1907/2006.

Test Method: Solvent extraction and quantification by gas chromatography-mass selective detection (GC-MS) with respect to AfPS GS 2014:01 PAK (PAK=PAHs) requirement

| Tested Item(s)   | CAS No.              | Unit  | Limit | MDL | Result |    |
|--|----------------------|-------|-------|-----|--------|----|
|  |                      |       |       |     | 1      | 2  |
| For rubber or plastic will direct contact with skin and mouth. |                      |       |       |     |        |    |
| Benzo(a)anthracene   | 56-55-3              | mg/kg | 1     | 0.2 | ND     | ND |
| Chrysene   | 218-01-9             | mg/kg | 1     | 0.2 | ND     | ND |
| Benzo(b)fluoranthene<br>Benzo(j)fluoranthene                   | 205-99-2<br>205-82-3 | mg/kg | 1     | 0.2 | ND     | ND |
| Benzo(k)fluoranthene   | 207-08-9             | mg/kg | 1     | 0.2 | ND     | ND |
| Benzo(a)pyrene   | 50-32-8              | mg/kg | 1     | 0.2 | ND     | ND |
| Dibenzo(a,h)anthracene   | 53-70-3              | mg/kg | 1     | 0.2 | ND     | ND |
| Benzo(e)pyrene   | 192-97-2             | mg/kg | 1     | 0.2 | ND     | ND |

**Remark:**

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

As per client's request, only the appointed materials have been tested.

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