

Password:PW3502

Test Report No.UTLR23105408 Date: Oct.26,2023 Page: 1 of 5

Applicant: Heze Jinshunyuan Crafts Co., Ltd

Applicant Address: AIR INDUSTRIAL PARK, CHENWANG STREET OFFICE, JUANCHENG

COUNTY, HEZE CITY, SHANDONG PROVINCE. CHINA

The following samples were submitted and identified on behalf of the clients as

Sample Name: Human hair extensions
Sample Received Date: Oct.17,2023,Oct.25,2023

Test Period: Oct.17,2023 to Oct.23,2023,Oct.25,2023 to Oct.26,2023

Test Method: Please refer to next page(s).

Test Result: Please refer to next page(s).

#### **CONCLUSION:**

According to client's request to conduct below tests in the selected parts of the submitted sample:

<u>TEST ITEM</u> RESULT

RoHS Directive 2011/65/EU Annex II amending Annex(EU)2015/863 and amending Annex (EU)2017/2102

-Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs and PBDEs Content PASS

-Di(2-ethylhexyl) phthalate(DEHP),Benzylbutyl phthalate(BBP),
Dibutyl phthalate(DBP),Diisobutyl phthalate(DIBP) content

Client claims that the raw materials of the products in the REPORT UTLR 23105408 and UTLR23105173 are identical. This laboratory only tests samples of UTLR23105173, and the res ults are only for the samples submitted for inspection. The laboratory will not confirm whether the sample mentioned by client is the same batch of raw materials ". Data were referred to test report UTLR23105173.



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Dongguan Universal Testing Technology Co., Ltd

3rd Floor, HuiHai Building, No.631 Yinlang South Road, Dalang Town, Dongguan City, Guangdong province, China. Website:http://www.utl-lab.cn Tel: +86 400 068 3789 E-mail: utl-lab.cn Hotline: +86 13829128006



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# **Photos of submitted sample**

Date: Oct.26,2023





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### TEST PART(S):

| Part(s) No. | Part(s) Description |
|-------------|---------------------|
| P1          | Black hair          |

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## **TEST RESULT(S):**

# 1.RoHS Directive 2011/65/EU Annex II amending Annex(EU)2015/863 and amending Annex (EU)2017/2102

### 1.1 Heavy metals and flame retardants content

Method used: Please refer to the Appendix

| Test parameter(s)                | Results(s)(mg/kg)<br>P1 | Limit(mg/kg)                                   |  |
|----------------------------------|-------------------------|--|--|
| Lead(Pb)                         | ND                      | 1000   |  |
| Cadmium(Cd)                      | ND                      | 100  |  |
| Mercury(Hg)                      | ND                      | 1000   |  |
| Chromium VI(Cr VI)               | ND                      | Metallic material(s): Negative<br>Others: 1000 |  |
| Polybromobiphenyls (PBBs)        | ND                      | 1000   |  |
| Polybromodiphenyl ethers (PBDEs) | ND                      | 1000   |  |
| Conclusion                       | Pass                    | -  |  |

Note(s):

- -ND denotes Not Detected; NA denotes Not Applicable
- -mg/kg = milligram(s) per kilogram = ppm = part(s) per million
- -Method Detection Limit:
- Lead/Cadmium/Mercury/Chromium VI is 10 mg/kg(each)
- PBBs/PBDEs is 50 mg/kg(each)

Remark(s): -Result(s) of Cr VI for metallic material(s) was (were) expressed in term of positive and negative. Negative means the absence of Cr VI on the tested areas and the result(s) was (were) regarded as in compliance with European Council Directive 2011/65/EU, Article 4(1). While, positive means the presence of Cr VI on tested areas and the result(s) was (were) regarded as in conflict with European Council Directive 2011/65/EU, Article 4(1).

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### **APPENDIX**

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| List of Analytes and their Corresponding Test Methods [ European Council Directive 2011/65/EU ] : |   |  |  |  |  |  |
|---|---|--|--|--|--|--|
| No.   | Name of Analytes  | Test Method(s)   |  |  |  |  |
| 1   | Lead(Pb), mercury(Hg), cadmium(Cd), total chromium(Cr) and total bromine(Br) using X-ray fluorescence spectrometry  | With reference to IEC 62321-3-1:2013   |  |  |  |  |
| 2   | Lead (Pb)   | With reference to IEC 62321-5:2013   |  |  |  |  |
| 3   | Cadmium (Cd)  |  |  |  |  |  |
| 4   | Mercury (Hg)  | With reference to IEC 62321-4:2013/AMD1:2017   |  |  |  |  |
| 5   | Chromium VI (Cr VI)   | Metal: With reference to IEC 62321-7-1:2015 Polymers & Electronics: With reference to IEC 62321-7-2:2017 |  |  |  |  |
| 6   | Polybromobiphenyls (PBBs) - Bromobiphenyl (MonoBB) - Dibromobiphenyl (DiBB) - Tribromobiphenyl (TriBB) - Tetrabromobiphenyl (TetraBB) - Pentabromobiphenyl (PentaBB) - Hexabromobiphenyl (HexaBB) - Heptabromobiphenyl (HeptaBB) - Octabromobiphenyl (OctaBB) - Nonabromobiphenyl (NonaBB) - Decabromobiphenyl (DecaBB)   |  |  |  |  |  |
| 7   | Polybromodiphenyl ethers (PBDEs) - Bromodiphenyl ether (MonoBDE) - Dibromodiphenyl ether (DiBDE) - Tribromodiphenyl ether (TriBDE) - Tetrabromodiphenyl ether (TetraBDE) - Pentabromodiphenyl ether (PentaBDE) - Hexabromodiphenyl ether (HexaBDE) - Heptabromodiphenyl ether (HexaBDE) - Octabromodiphenyl ether (OctaBDE) - Nonabromodiphenyl ether (NonaBDE) - Decabromodiphenyl ether (DecaBDE) | With reference to IEC 62321-6:2015   |  |  |  |  |
| [a]   | The principle of this method was evaluated and supported by two studies organized by IEC TC 111 WG3. These studies were focused on detecting the presence of Cr VI in the corrosion protection coatings on metallic samples.  |  |  |  |  |  |

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protection coatings on metallic samples.



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2. Di-(2-ethylhexyl) phthalate(DEHP), Benzylbutyl phthalate(BBP), Dibutyl phthalate(DBP), Diisobutyl phthalate(DIBP) Content- RoHS Directive 2011/65/EU Annex II amending Annex(EU)2015/863 and amending Annex (EU)2017/2102

Test Method: With reference to IEC 62321-8:2017, analysis was performed by GC-MS.

| Test Items                        | Unit  | MDL | Limit | Result |
|-----------------------------------|-------|-----|-------|--------|
| rest items                        |       |     |       | P1     |
| Di-(2-ethylhexyl) phthalate(DEHP) | mg/kg | 50  | 1000  | 214    |
| Benzylbutyl phthalate(BBP)        | mg/kg | 50  | 1000  | ND     |
| Dibutyl phthalate(DBP)            | mg/kg | 50  | 1000  | ND     |
| Diisobutyl phthalate(DIBP)        | mg/kg | 50  | 1000  | ND     |
| Conclus                           | Pass  |     |       |        |

#### Note:

- 1. mg/kg = milligram per kilogram= ppm.
- 2. MDL = Method Detection Limit.
- 3. N.D. = Not Detected (< MDL).
- 4.<sup>^</sup> the first resubmission sample were received on Oct.25, 2023.

\*\*\*\*\* End of Test Report \*\*\*\*\*

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