

Test Report No.: 68.431.21.04802.01

Dated: 2021-12-01



Applicant : Spector & Co
Address : /
Sample Description : KEY RING
PO / Order No. : PO 72030
Item No. : G8039
Style No. : BAMBOO
Supplier : USZ003
Country of Origin : CANADA
Country of Destination : CANADA & U.S.A.
Test Sample Receipt Date, Location : 2021-11-10, Shenzhen
Test Period, Location : From 2021-11-10 to 2021-11-22, Shenzhen
Test Result(s) : Refer to Section 3

Laboratory:

TÜV SÜD Certification and Testing (China)
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Regd. Office:

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Purpose Of Examination / Conclusion:

| No. | Test Item(s) | Conclusion |
|-----|---------------------------------------------------------------------------------------------------------|--------------|
| 1. | US California Proposition 65 - Total Cadmium Content Test - Substrate Materials | Pass* |
| 2. | US California Proposition 65 - Total Cadmium Content Test - Paint and Similar Surface-Coating Materials | Pass* |
| 3. | US California Proposition 65 - Total Lead Content Test - Substrate Materials | Pass* |
| 4. | US California Proposition 65 - Total Lead Content Test - Paint and Similar Surface-Coating Materials | Pass* |
| 5. | Canadian Consumer Products Containing Lead Regulations SOR/2018-83 - Total Lead Content Test | Pass |
| 6. | Canadian Surface Coating Materials Regulations SOR/2016-193 - Total Lead Content Test | Pass |
| 7. | Phthalates Content (11P) | Pass* |
| 8. | US California Proposition 65 - Phthalates Content (6P) | Pass* |
| 9. | U.S. CFR Title 16 Part 1307 - Toys and Childcare Articles - Phthalates Content (8P) | Pass |
| 10. | Tungsten Content Test | Report As Is |
| 11. | Canadian Surface Coating Materials Regulations SOR/2016-193 - Total Mercury Content Test | Pass |
| 12. | Nickel Content Test | Report As Is |

Remarks:

- (1) The results relate only to the items tested.
- (2) Samples are tested as received.
- (3) "*" denotes the conclusion was drawn according to the client's specification.
- (4) The test item and samples were specified by the client.
- (5) "Pass" means the measured result is within a limit, even when extended by expanded uncertainty. "Fail" means the measured result is beyond a limit, even when extended by expanded uncertainty. "Inconclusive" means the measured result can be within or beyond a limit when extended by expanded uncertainty. The confidence level of the expanded uncertainty for "pass", "Fail" and "Inconclusive" is 95%.
- (6) "N.D." denotes below the Report Limit

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TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
TÜV SÜD Group

Prepared by:

Reviewed by:

Handwritten signature of Cara in black ink.



Handwritten signature of Ken in black ink.

Cara Xiang
Senior Project Coordinator

Ken Chen
Project Manager

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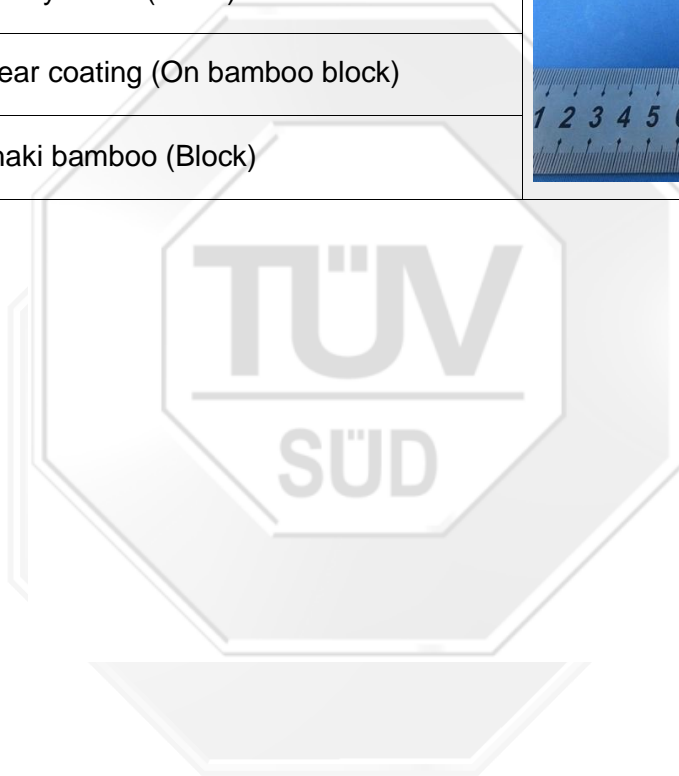
1. Description of the Test Sample:

| Sample Description | KEY RING |
|--------------------|------------------------------------------------------------------------------------|
| |  |



2. List of Materials as identified by the Laboratory:

| T. No. | Sample No. | Colour and Description | Photograph |
|--------|------------|------------------------------------|------------------------------------------------------------------------------------|
| T1 | 001 | Silvery metal (Key ring) |  |
| T2 | 002 | Silvery metal (Bead of connection) | |
| T3 | 003 | Silvery metal (Block) | |
| T4 | 004 | Clear coating (On bamboo block) | |
| T5 | 005 | Khaki bamboo (Block) | |



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3. Test Result

3.1 US California Proposition 65 - Total Cadmium Content Test - Substrate Materials

Test method: Acid digestion/Microwave Digestion, analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES). [Reporting Limit: 10.0mg/kg]

| Sample No | CAS No. | Results [mg/kg] | Client's Specification [mg/kg] | Conclusion |
|-----------|-----------|-----------------|--------------------------------|------------|
| 001 | 7440-43-9 | N.D. | <75 | Pass |
| 002 | 7440-43-9 | N.D. | <75 | Pass |
| 003 | 7440-43-9 | N.D. | <75 | Pass |
| 005 | 7440-43-9 | N.D. | <75 | Pass |

Note 1. "mg/kg" denotes milligram per kilogram

2. "<" denotes less than

3.2 US California Proposition 65 - Total Cadmium Content Test - Paint and Similar Surface-Coating Materials

Test method: Microwave Digestion, analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES). [Reporting Limit: 10.0mg/kg]

| Sample No | CAS No. | Results [mg/kg] | Client's Specification [mg/kg] | Conclusion |
|-----------|-----------|-----------------|--------------------------------|------------|
| 004 | 7440-43-9 | N.D. | <75 | Pass |

Note 1. "mg/kg" denotes milligram per kilogram

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3.3 US California Proposition 65 - Total Lead Content Test - Substrate Materials

Test method: Acid digestion or Microwave Digestion, analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES). [Reporting Limit: 10.0mg/kg]

| Sample No | CAS No. | Result [mg/kg] | Client's Specification [mg/kg] | Conclusion |
|-----------|-----------|----------------|--------------------------------|------------|
| 001 | 7439-92-1 | 31.1 | <100 | Pass |
| 002 | 7439-92-1 | 49.2 | <100 | Pass |
| 003 | 7439-92-1 | N.D. | <100 | Pass |
| 005 | 7439-92-1 | N.D. | <100 | Pass |

Note 1. "mg/kg" denotes milligram per kilogram
 2. "<" denotes less than

3.4 US California Proposition 65 - Total Lead Content Test - Paint and Similar Surface-Coating Materials

Test method: Microwave Digestion, analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES). [Reporting Limit: 10.0mg/kg]

| Sample No | CAS No. | Result [mg/kg] | Client's Specification [mg/kg] | Conclusion |
|-----------|-----------|----------------|--------------------------------|------------|
| 004 | 7439-92-1 | N.D. | <90 | Pass |

Note 1. "mg/kg" denotes milligram per kilogram
 2. "<" denotes less than



3.5 Total Lead Content Test

Consumer Products Containing Lead Regulations SOR/2018-83
 Acid digestion / Microwave Digestion, analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES). [Reporting Limit: 10.0mg/kg]

| Sample No | CAS No. | Result [mg/kg] | Limit [mg/kg] | Conclusion |
|-----------|-----------|----------------|---------------|------------|
| 001 | 7439-92-1 | 31.1 | <90 | Pass |
| 002 | 7439-92-1 | 49.2 | <90 | Pass |
| 003 | 7439-92-1 | N.D. | <90 | Pass |
| 004 | 7439-92-1 | N.D. | <90 | Pass |
| 005 | 7439-92-1 | N.D. | <90 | Pass |

Note 1. "mg/kg" denotes milligram per kilogram
 2. "<" denotes less than

3.6 Total Lead Content Test

Surface Coating Materials Regulations SOR/2016-193
 Microwave Digestion, analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES). [Reporting Limit: 10.0mg/kg]

| Sample No | CAS No. | Result [mg/kg] | Limit [mg/kg] | Conclusion |
|-----------|-----------|----------------|---------------|------------|
| 004 | 7439-92-1 | N.D. | <90 | Pass |

Note 1. "mg/kg" denotes milligram per kilogram
 2. "<" denotes less than



3.7 Phthalates Content (11P)

Test method: In-house method, solvent extracted and analyzed by Gas Chromatography and Mass Spectrometry (GC-MS). [Reporting limit: 0.005%]

| Phthalates | CAS No. | Results [%] | Client's Specification [%] |
|----------------------------------|----------------------------|-------------|----------------------------|
| | | Sample 004 | |
| DEHP, Di-(2-ethylhexyl)-phthalat | 117-81-7 | N.D. | <0.1 |
| DBP, Dibutylbenzylphthalat | 84-74-2 | 0.029 | <0.1 |
| DEP, Diethyl phthalate | 84-66-2 | N.D. | <0.1 |
| BBP, Butylbenzylphthalat | 85-68-7 | N.D. | <0.1 |
| DIBP, Di-iso-butylphthalat | 84-69-5 | N.D. | <0.1 |
| DINP, Di-isononyl phthalate | 28553-12-0 , 68515-48-0 | N.D. | <0.1 |
| DIDP, Di-isodecylphthalat | 26761-40-0 , 68515-49-1 | N.D. | <0.1 |
| DNOP, Di-n-octylphthalat | 117-84-0 | N.D. | <0.1 |
| DnHP, Di-n-hexyl phthalate | 84-75-3 | N.D. | <0.1 |
| DCHP, Dicyclohexyl phthalate | 84-61-7 | N.D. | <0.1 |
| DNPP, Di-n-pentylphthalat | 131-18-0 | N.D. | <0.1 |
| Conclusion | | Pass | - |

Note 1. "<" denotes less than
 2. "%" denotes percentage by weight .

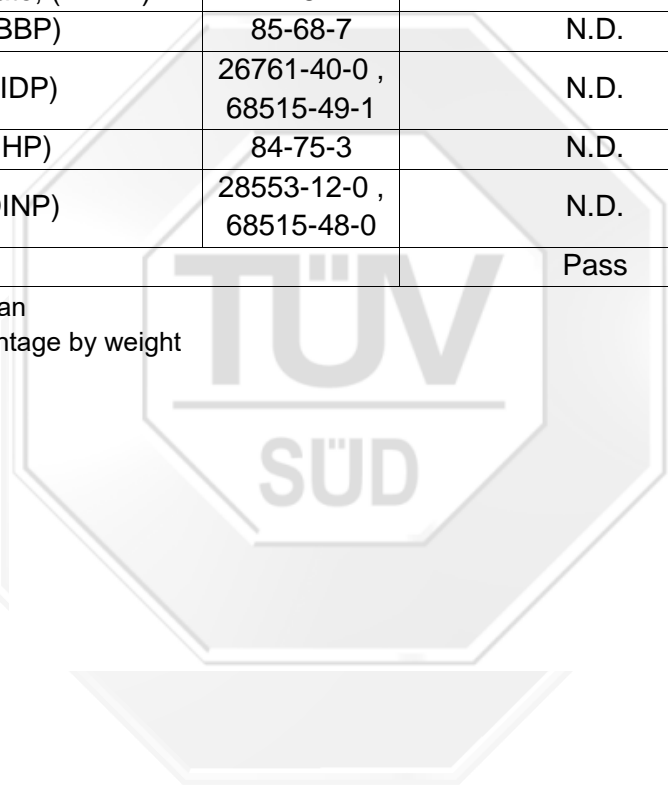


3.8 US California Proposition 65 - Phthalates Content (6P)

Test method: In-house method, solvent extracted and analyzed by Gas Chromatography and Mass Spectrometry (GC-MS). [Reporting limit: 0.005%]

| Phthalates | CAS No. | Results [% w/w] | Client's Specification [% w/w] |
|--------------------------------------|----------------------------|-----------------|--------------------------------|
| | | Sample 004 | |
| Dibutyl phthalate, (DBP) | 84-74-2 | 0.029 | <0.1 |
| Bis (2-ethylhexyl) phthalate, (DEHP) | 117-81-7 | N.D. | <0.1 |
| Benzyl butyl phthalate, (BBP) | 85-68-7 | N.D. | <0.1 |
| Di-isodecyl phthalate, (DIDP) | 26761-40-0 , 68515-49-1 | N.D. | <0.1 |
| Di-n-hexyl phthalate (DNHP) | 84-75-3 | N.D. | <0.1 |
| Di-isononyl phthalate, (DINP) | 28553-12-0 , 68515-48-0 | N.D. | <0.1 |
| Conclusion | | Pass | - |

- Note 1. "<" denotes less than
 2. "%" denotes percentage by weight

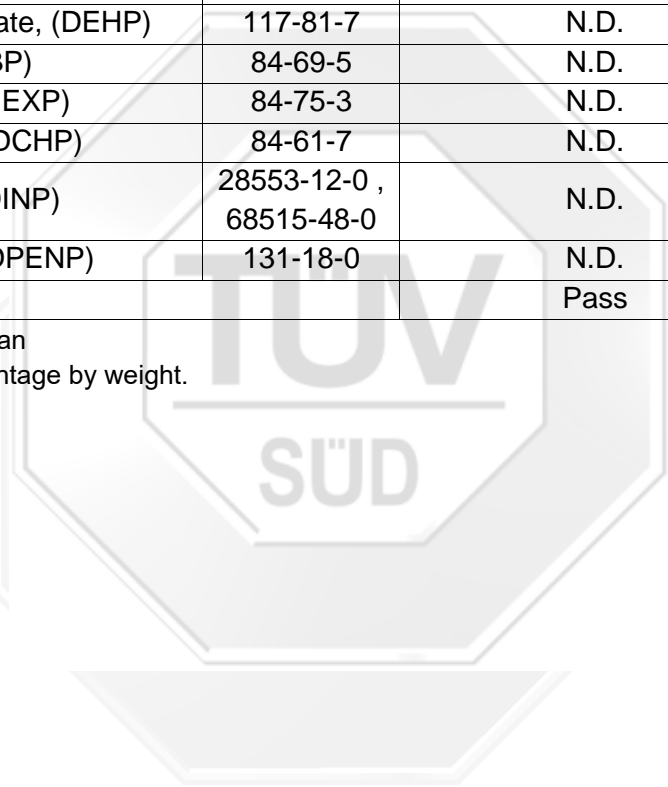




3.9 U.S. CFR Title 16 Part 1307 - Toys and Childcare Articles - Phthalates Content (8P)
 CPSC-CH-C1001-09.4 – Standard Operating Procedure for Determination of Phthalates
 [Reporting Limit = 0.005%]

| Phthalates | CAS No. | Results [%] | Limit [%] |
|--------------------------------------|----------------------------|-------------|-----------|
| | | Sample 004 | |
| Dibutyl phthalate, (DBP) | 84-74-2 | 0.029 | <0.1 |
| Benzyl butyl phthalate, (BBP) | 85-68-7 | N.D. | <0.1 |
| Bis (2-ethylhexyl) phthalate, (DEHP) | 117-81-7 | N.D. | <0.1 |
| Diisobutylphthalate, (DIBP) | 84-69-5 | N.D. | <0.1 |
| Di-n-hexyl phthalate (DHEXP) | 84-75-3 | N.D. | <0.1 |
| Dicyclohexyl phthalate (DCHP) | 84-61-7 | N.D. | <0.1 |
| Di-isononyl phthalate, (DINP) | 28553-12-0 , 68515-48-0 | N.D. | <0.1 |
| Di-n-pentyl phthalates (DPENP) | 131-18-0 | N.D. | <0.1 |
| Conclusion | | Pass | - |

Note 1. "<" denotes less than
 2. "%" denotes percentage by weight.





3.10 Tungsten Content Test

Test method: EPA 3050B:1996, analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES). [Reporting Limit: 10.0mg/kg]

| Test Item | Results [mg/kg] | Client's Specification [mg/kg] |
|-------------------|-----------------|--------------------------------|
| | Sample 001 | |
| Tungsten | N.D. | - |
| Conclusion | Report As Is | - |

Note:

- "mg/kg" denotes milligram per kilogram
- "<" denotes less than





3.11 Total Mercury Content Test

Surface Coating Materials Regulations SOR/2016-193

Microwave Digestion, analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES). [Reporting Limit: 10.0mg/kg]

| Test Item | Results [mg/kg] | Limit [mg/kg] |
|-------------------|-----------------|---------------|
| | Sample 004 | |
| Mercury | N.D. | <10 |
| Conclusion | Pass | - |

Note 1. "mg/kg" denotes milligram per kilogram

2. "<" denotes less than



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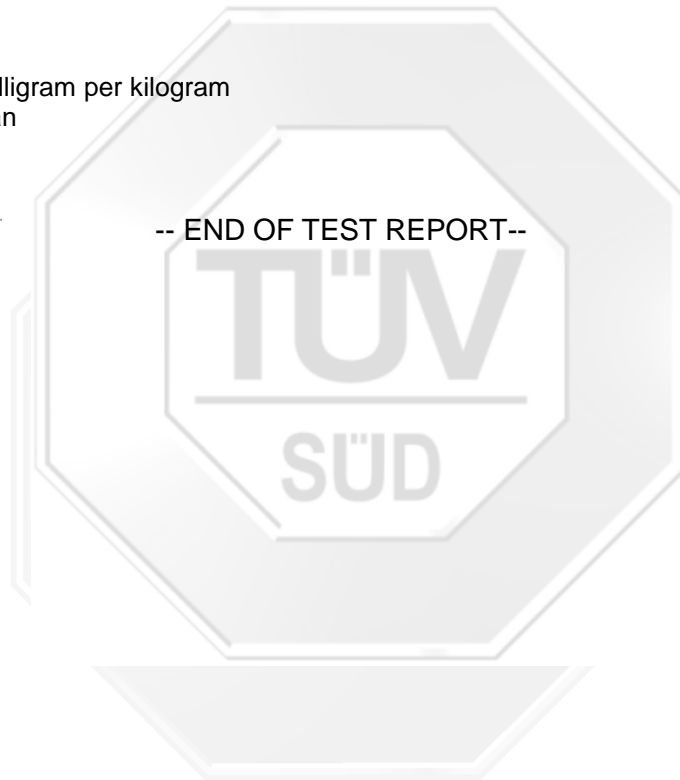
3.12 Nickel Content Test

Test method: Acid digestion and analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES). [Reporting Limit: 5.0mg/kg]

| Test Item | Results [mg/kg] | | | Client's Specification [mg/kg] |
|-------------------|-----------------|--------------|--------------|--------------------------------|
| | Sample 001 | Sample 002 | Sample 003 | |
| Nickel | 6054.020 | 1722.446 | 7043.894 | - |
| Conclusion | Report As Is | Report As Is | Report As Is | - |

Note:

- "mg/kg" denotes milligram per kilogram
- "<" denotes less than



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