

Test Report No.: 68.431.19.02825.01

Dated: 2019-06-06



Applicant : Spector & Co

Address : /

Sample Description : Hard cover notebook

Product Type / End Use : NOTEBOOK

Item No. : EC3050

Style No. : ECO

Supplier : USN015

Country of Origin : China

Exported to : Canada & U.S.A.

Test Sample Receipt Date, Location : 2019-05-24, 2019-06-03, Shenzhen

Test Period, Location : From 2019-05-24 to 2019-06-06, Shenzhen

Test Result(s) : Refer to Section 3

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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 | Pass* |
| 8. | US California Proposition 65 - Phthalates Content | Pass* |
| 9. | U.S. CFR Title 16 Part 1307 - Phthalates Content | Pass |
| 10. | Tungsten 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

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

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Reviewed by:



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Disclaimer Measurement Uncertainty:

Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties. Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC

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17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as PASS nor as FAIL.

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1. Description of the Test Sample:

| | |
|---------------------------|---------------------|
| Sample Description | Hard cover notebook |
|---------------------------|---------------------|

2. List of Materials as identified by the Laboratory:

| T. No. | Sample No. | Colour and Description | Photograph |
|--------|------------|--|--|
| T1 | 001 | Black coating on metal (Fixer of notebook) |  |
| T2 | 002 | Silvery metal (Fixer of notebook) | |
| T3 | 003 | Black soft plastic (Elastic band) | |
| T4 | 004 | Silvery metal (Eyelet) | |





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]

| Test item | Results [mg/kg] | | | Client's Specification [mg/kg] |
|-------------------|-----------------|------------|------------|--------------------------------|
| | Sample 002 | Sample 003 | Sample 004 | |
| Cadmium | N.D. | N.D. | N.D. | <75 |
| Conclusion | Pass | Pass | Pass | - |

Note:

- "mg/kg" denotes milligram per kilogram
- "<" denotes less than
- "N.D." denotes Not Detected with Detection Limit 10.0mg/kg

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]

| Test Item | Results [mg/kg] | Client's Specification [mg/kg] |
|-------------------|-----------------|--------------------------------|
| | Sample 001 | |
| Cadmium | N.D. | <75 |
| Conclusion | Pass | - |

Note:

- "mg/kg" denotes milligram per kilogram
- "<" denotes less than
- "N.D." denotes Not Detected with Detection Limit 10.0mg/kg



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]

| Test Item | Results [mg/kg] | | | Client's Specification [mg/kg] |
|-------------------|-----------------|------------|------------|--------------------------------|
| | Sample 002 | Sample 003 | Sample 004 | |
| Lead | N.D. | 23.1 | 61.6 | <100 |
| Conclusion | Pass | Pass | Pass | - |

Note:

- "mg/kg" denotes milligram per kilogram
- "<" denotes less than
- "N.D." denotes Not Detected with Detection Limit 10.0mg/kg

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]

| Test Item | Results [mg/kg] | Client's Specification [mg/kg] |
|-------------------|-----------------|--------------------------------|
| | Sample 001 | |
| Lead | N.D. | <90 |
| Conclusion | Pass | - |

Note:

- "mg/kg" denotes milligram per kilogram
- "<" denotes less than
- "N.D." denotes Not Detected with Detection Limit 10.0mg/kg



3.5 Total Lead

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]

| Analyte | Result [mg/kg] | | |
|------------|----------------|------------|------------|
| | Sample 001 | Sample 002 | Sample 003 |
| Lead | N.D. | N.D. | 23.1 |
| Limit | <90 | | |
| Conclusion | Pass | Pass | Pass |

| Analyte | Result [mg/kg] |
|------------|----------------|
| | Sample 004 |
| Lead | 61.6 |
| Limit | <90 |
| Conclusion | Pass |

- Note 1. "mg/kg" denotes milligram per kilogram
 2. "<" denotes less than
 3. "N.D." denotes Not Detected with Detection Limit 10.0mg/kg

3.6 Total Lead

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

| Analyte | Result [mg/kg] |
|------------|----------------|
| | Sample 001 |
| Lead | N.D. |
| Limit | <90 |
| Conclusion | Pass |

- Note 1. "mg/kg" denotes milligram per kilogram
 2. "<" denotes less than
 3. "N.D." denotes Not Detected with Detection Limit 10.0mg/kg

3.7 Phthalates Content

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

| Test Items | CAS No. | Results [%] | | Client's Specification [%] |
|-----------------------------------|----------------------------|-------------|------------|----------------------------|
| | | Sample 001 | Sample 003 | |
| Di-(2-ethylhexyl)-phthalat (DEHP) | 117-81-7 | N.D. | N.D. | <0.1 |
| Dibutylbenzylphthalat (DBP) | 84-74-2 | N.D. | N.D. | <0.1 |
| Diethyl phthalate (DEP) | 84-66-2 | N.D. | N.D. | <0.1 |
| Butylbenzylphthalat (BBP) | 85-68-7 | N.D. | N.D. | <0.1 |
| Di-iso-butylphthalat (DIBP) | 84-69-5 | N.D. | N.D. | <0.1 |
| Di-isononyl phthalate (DINP) | 28553-12-0 , 68515-48-0 | N.D. | N.D. | <0.1 |
| Di-isodecylphthalat (DIDP) | 26761-40-0 , 68515-49-1 | N.D. | N.D. | <0.1 |
| Di-n-octylphthalat (DNOP) | 117-84-0 | N.D. | N.D. | <0.1 |
| Di-n-hexyl phthalate (DnHP) | 84-75-3 | N.D. | N.D. | <0.1 |
| Dicyclohexyl phthalate (DCHP) | 84-61-7 | N.D. | N.D. | <0.1 |
| Di-n-pentylphthalat (DNPP) | 131-18-0 | N.D. | N.D. | <0.1 |
| Conclusion | | Pass | Pass | - |

Note 1. “%” denotes percentage by weight

2. “<” denotes less than

3. “N.D.” denotes Not Detected with Detection Limit 0.005%

3.8 US California Proposition 65 - Phthalates Content

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

| Test Items | CAS No. | Results [%] | | Client's Specification [%] |
|--------------------------------------|----------------------------|-------------|------------|----------------------------|
| | | Sample 001 | Sample 003 | |
| Dibutyl phthalate, (DBP) | 84-74-2 | N.D. | N.D. | <0.1 |
| Bis (2-ethylhexyl) phthalate, (DEHP) | 117-81-7 | N.D. | N.D. | <0.1 |
| Benzyl butyl phthalate, (BBP) | 85-68-7 | N.D. | N.D. | <0.1 |
| Di-isodecyl phthalate, (DIDP) | 26761-40-0 , 68515-49-1 | N.D. | N.D. | <0.1 |
| Di-n-hexyl phthalate (DNHP) | 84-75-3 | N.D. | N.D. | <0.1 |
| Di-isononyl phthalate, (DINP) | 28553-12-0 , 68515-48-0 | N.D. | N.D. | <0.1 |
| Conclusion | | Pass | Pass | - |

- Note 1. “%” denotes percentage by weight
 2. “<” denotes less than
 3. “N.D.” denotes Not Detected with Detection Limit 0.005%

3.9 U.S. CFR Title 16 Part 1307 - Phthalates Content

CPSC-CH-C1001-09.4 – Standard Operating Procedure for Determination of Phthalates
 [Reporting Limit = 0.005%]

| Phthalates | CAS No. | Results [%] | | Limit [%] |
|--------------------------------------|----------------------------|-------------|------------|-----------|
| | | Sample 001 | Sample 003 | |
| Dibutyl phthalate, (DBP) | 84-74-2 | N.D. | N.D. | <0.1 |
| Benzyl butyl phthalate, (BBP) | 85-68-7 | N.D. | N.D. | <0.1 |
| Bis (2-ethylhexyl) phthalate, (DEHP) | 117-81-7 | N.D. | N.D. | <0.1 |
| Diisobutylphthalate, (DIBP) | 84-69-5 | N.D. | N.D. | <0.1 |
| Di-n-hexyl phthalate (DHEXP) | 84-75-3 | N.D. | N.D. | <0.1 |
| Dicyclohexyl phthalate (DCHP) | 84-61-7 | N.D. | N.D. | <0.1 |
| Di-isononyl phthalate, (DINP) | 28553-12-0 , 68515-48-0 | N.D. | N.D. | <0.1 |
| Di-n-pentyl phthalates (DPENP) | 131-18-0 | N.D. | N.D. | <0.1 |
| Conclusion | | Pass | Pass | - |

Note 1. “%” denotes percentage by weight

2. “<” denotes less than

3. “N.D.” denotes Not Detected with Detection Limit 0.005%



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 002 | |
| Tungsten | N.D. | - |
| Conclusion | Report as is | - |

Note:

- "mg/kg" denotes milligram per kilogram
- "<" denotes less than
- "N.D." denotes Not Detected with Detection Limit 10.0mg/kg

-- END OF TEST REPORT--

