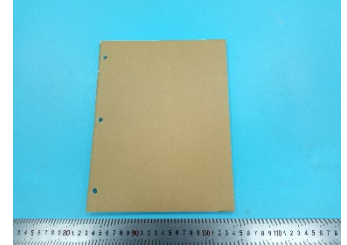


TEST REPORT

Test Report # 23W-001386 Date of Report Issue: February 20, 2023
Date of Sample Received: February 13, 2023 Pages: Page 1 of 14

CLIENT INFORMATION:

Company: Spector & Co.
Address: testing@spectorandco.com



SAMPLE INFORMATION:

Description: 3-HOLE PUNCHED ECO NOTEBOOK
Assortment: NAT
PO No.: -
Item No./Name: EC3197
Item Class: ECO NOTEBOOK
Factory/Supplier: TRA010
Country of Origin: Canada
Country of Distribution: Canada, United States
Testing Period: 02/15/2023-02/20/2023

OVERALL RESULT:

🔍 PASS with information

Please refer to the following pages for test result summary and appropriate notes.

QIMA (HANGZHOU) TESTING CO., LTD.



Jeremy Xu
Chemical Laboratory Supervisor



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Test(s) marked with 'ø' was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.

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TEST RESULTS SUMMARY:

At the request of the client, the following tests were conducted:

| CONCLUSION | TEST(S) CONDUCTED |
|------------------|---|
| PASS | California Proposition 65, Total Lead in Substrate Materials |
| PASS | Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead and Mercury in Stickers, Films and Surface Coating Materials |
| PASS | Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content |
| PASS | California Proposition 65, Total Cadmium in Substrate Materials |
| Information only | Client's requirement, Total Nickel content |
| Information only | Client's Requirement, Total Tungsten content |
| PASS | CPSC 16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP) |
| PASS | California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP) |
| PASS | Client's Requirement, Phthalates content |



DETAILED RESULTS:

California Proposition 65, Total Lead in Substrate Materials

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No. | 1 | 2 | 3+4 | --- | --- | Limit (mg/kg) |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | |
| Total Lead (Pb) | ND | ND | ND | --- | --- | 100 |
| Conclusion | PASS | PASS | PASS | --- | --- | |

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit =15 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

Data Consolidation Reference:

| Specimen No. | Transferred from | | Date of Issue |
|--------------|------------------|--------------|-------------------|
| | Report No. | Specimen No. | |
| 1 | 23W-001383 | 1 | February 20, 2023 |
| 2 | 23W-001383 | 2 | February 20, 2023 |



DETAILED RESULTS:

Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead and Mercury in Stickers, Films and Surface Coating Materials

Test Method: ASTM F963-17 Clause 8.3.1
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No. | 2 | --- | --- | --- | --- | Total Limit (mg/kg) |
|--------------------|----------------|----------------|----------------|----------------|----------------|---------------------|
| Test Item | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | |
| Total Lead (Pb) | ND | --- | --- | --- | --- | 90 |
| Total Mercury (Hg) | ND | --- | --- | --- | --- | 10 |
| Conclusion | PASS | --- | --- | --- | --- | |

Note:
 mg/kg=Milligrams per kilogram
 LT = Less than
 ND = Not detected (Reporting Limit: Pb=15 mg/kg; Hg = 10 mg/kg)

Data Consolidation Reference:

| Specimen No. | Transferred from | | Date of Issue |
|--------------|------------------|--------------|-------------------|
| | Report No. | Specimen No. | |
| 2 | 23W-001383 | 2 | February 20, 2023 |



DETAILED RESULTS:

Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content

Test Method: ASTM F963-17 Clause 8.3.1
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No. | 1 | 2 | 3+4 | --- | --- | Limit (mg/kg) |
|-------------------|----------------|----------------|----------------|----------------|----------------|---------------|
| Test Item | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | |
| Total Lead (Pb) | ND | ND | ND | --- | --- | 90 |
| Conclusion | PASS | PASS | PASS | --- | --- | |

Note:
 mg/kg=Milligrams per kilogram)
 LT = Less than
 ND = Not detected (Reporting Limit = 15 mg/kg)
 Composite results are based on specimen of least mass resulting in highest potential concentration.

Data Consolidation Reference:

| Specimen No. | Transferred from | | Date of Issue |
|--------------|------------------|--------------|-------------------|
| | Report No. | Specimen No. | |
| 1 | 23W-001383 | 1 | February 20, 2023 |
| 2 | 23W-001383 | 2 | February 20, 2023 |



DETAILED RESULTS:

California Proposition 65, Total Cadmium in Substrate Materials

Test Method: ASTM F963-17 Clause 8.3.1
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No. | 1 | 2 | 3+4 | --- | --- | Limit (mg/kg) |
|--------------------|----------------|----------------|----------------|----------------|----------------|---------------|
| Test Item | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | |
| Total Cadmium (Cd) | ND | ND | ND | --- | --- | 75 |
| Conclusion | PASS | PASS | PASS | --- | --- | |

Note:
 mg/kg = Milligrams per kilogram
 LT = Less than
 ND = Not detected (Reporting Limit = 15 mg/kg)
 Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:
 The specification is quoted from client's requirement.

Data Consolidation Reference:

| Specimen No. | Transferred from | | Date of Issue |
|--------------|------------------|--------------|-------------------|
| | Report No. | Specimen No. | |
| 1 | 23W-001383 | 1 | February 20, 2023 |
| 2 | 23W-001383 | 2 | February 20, 2023 |



DETAILED RESULTS:

Client's requirement, Total Nickel content

Test Method: US EPA 3052:1996 & US EPA 6010D:2014
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No. | 1 | --- | --- | --- | --- | Limit (mg/kg) |
|-------------------|------------------|----------------|----------------|----------------|----------------|---------------|
| Test Item | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | |
| Total Nickel(Ni) | 909 | --- | --- | --- | --- | |
| Conclusion | Information only | --- | --- | --- | --- | |

Note:

mg/kg = Milligrams per kilogram

ND = Not detected (report limit = 30 mg/kg)

Data Consolidation Reference:

| Specimen No. | Transferred from | | Date of Issue |
|--------------|------------------|--------------|-------------------|
| | Report No. | Specimen No. | |
| 1 | 23W-001383 | 1 | February 20, 2023 |



DETAILED RESULTS:

Client's Requirement, Total Tungsten content

Test Method: US EPA 3052:1996 & US EPA 6010D:2014
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No. | 1 | --- | --- | --- | --- | Limit (mg/kg) |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | |
| Total Tungsten (W) | ND | --- | --- | --- | --- | |
| Conclusion | Information only | --- | --- | --- | --- | |

Note:
 mg/kg = Milligrams per kilogram
 LT = Less than
 ND = Not detected (Reporting Limit = 15 mg/kg)

Data Consolidation Reference:

| Specimen No. | Transferred from | | Date of Issue |
|--------------|------------------|--------------|-------------------|
| | Report No. | Specimen No. | |
| 1 | 23W-001383 | 1 | February 20, 2023 |



DETAILED RESULTS:

CPSC 16 CFR 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)

Test Method: CPSC-CH-C1001-09.4
 Analytical Method: Gas Chromatography with Mass Spectrometry

| Specimen No. | | 2 | --- | --- | --- | Limit (mg/kg) |
|-------------------------------------|--------------------------|----------------|----------------|----------------|----------------|---------------|
| Test Item | CAS No. | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | |
| Dibutyl phthalate (DBP) | 84-74-2 | ND | --- | --- | --- | 1000 |
| Benzyl butyl phthalate (BBP) | 85-68-7 | ND | --- | --- | --- | 1000 |
| Di-(2-ethylhexyl) phthalate (DEHP) | 117-81-7 | ND | --- | --- | --- | 1000 |
| Diisononyl phthalate (DINP) | 28553-12-0 68515-48-0 | ND | --- | --- | --- | 1000 |
| Di-n-hexyl phthalate (DHEXP / DnHP) | 84-75-3 | ND | --- | --- | --- | 1000 |
| Dicyclohexyl phthalate (DCHP) | 84-61-7 | ND | --- | --- | --- | 1000 |
| Diisobutyl phthalate (DIBP) | 84-69-5 | ND | --- | --- | --- | 1000 |
| Di-n-pentyl phthalate (DPENP) | 131-18-0 | ND | --- | --- | --- | 1000 |
| Conclusion | | PASS | --- | --- | --- | |

Note:
 mg/kg = Milligrams per kilogram
 LT = Less than
 ND = Not detected (Reporting Limit = 150 mg/kg)

Data Consolidation Reference:

| Specimen No. | Transferred from | | Date of Issue |
|--------------|------------------|--------------|-------------------|
| | Report No. | Specimen No. | |
| 2 | 23W-001383 | 2 | February 20, 2023 |



DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.4
 Analytical Method: Gas Chromatography with Mass Spectrometry

| Specimen No. | | 2 | --- | --- | --- | Limit (mg/kg) |
|------------------------------------|--------------------------|----------------|----------------|----------------|----------------|---------------|
| Test Item | CAS No. | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | |
| Dibutyl phthalate (DBP) | 84-74-2 | ND | --- | --- | --- | 1000 |
| Benzyl butyl phthalate (BBP) | 85-68-7 | ND | --- | --- | --- | 1000 |
| Di-(2-ethylhexyl) phthalate (DEHP) | 117-81-7 | ND | --- | --- | --- | 1000 |
| Diisononyl phthalate (DINP) | 28553-12-0 68515-48-0 | ND | --- | --- | --- | 1000 |
| Diisodecyl phthalate (DIDP) | 26761-40-0 68515-49-1 | ND | --- | --- | --- | 1000 |
| Di-n-hexyl phthalate (DnHP) | 84-75-3 | ND | --- | --- | --- | 1000 |
| Conclusion | | PASS | --- | --- | --- | |

Note:
 mg/kg (Milligrams per kilogram) = 0.0001 % w/w (Percent by weight)
 LT = Less than
 ND = Not detected (Reporting Limit = 150 mg/kg)

Remark:
 The specification is quoted from client's requirement.

Data Consolidation Reference:

| Specimen No. | Transferred from | | Date of Issue |
|--------------|------------------|--------------|-------------------|
| | Report No. | Specimen No. | |
| 2 | 23W-001383 | 2 | February 20, 2023 |



DETAILED RESULTS:

Client's Requirement, Phthalates content

Test Method: CPSC-CH-C1001-09.4
 Analytical Method: Gas Chromatography with Mass Spectrometry

| Specimen No. | 2 | --- | --- | --- | Limit (mg/kg) |
|--|----------------|----------------|----------------|----------------|---------------|
| Test Item CAS No. | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | |
| Dibutyl phthalate (DBP) 84-74-2 | ND | --- | --- | --- | 1000 |
| Benzyl butyl phthalate (BBP) 85-68-7 | ND | --- | --- | --- | 1000 |
| Di-(2-ethylhexyl) phthalate (DEHP) 117-81-7 | ND | --- | --- | --- | 1000 |
| Diisononyl phthalate (DINP) 28553-12-0 68515-48-0 | ND | --- | --- | --- | 1000 |
| Diisodecyl phthalate (DIDP) 26761-40-0 68515-49-1 | ND | --- | --- | --- | 1000 |
| Di-n-hexyl phthalate (DHEXP / DnHP) 84-75-3 | ND | --- | --- | --- | 1000 |
| Di-n-octyl phthalate (DNOP) 117-84-0 | ND | --- | --- | --- | 1000 |
| Diethyl phthalate (DEP) 84-66-2 | ND | --- | --- | --- | 1000 |
| Diisobutyl phthalate (DIBP) 84-69-5 | ND | --- | --- | --- | 1000 |
| Dicyclohexyl phthalate (DCHP) 84-61-7 | ND | --- | --- | --- | 1000 |
| Di-n-pentyl phthalate (DPENP/DnPP) 131-18-0 | ND | --- | --- | --- | 1000 |
| Conclusion | PASS | --- | --- | --- | |

Note:
 mg/kg (Milligrams per kilogram) = 0.0001 % w/w (Percent by weight)
 LT = Less than
 ND = Not detected (Reporting Limit = 150 mg/kg)

Remark:
 The specification is quoted from client's requirement.



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Email: Labtesting@qima.com • Tel: (86) 571 8999 7158.

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SPECIMEN DESCRIPTION:

| Specimen No. | Specimen Description | Location |
|--------------|---------------------------------|--------------|
| 1 | Silvery metal | Staple |
| 2 | Plastic film | Cover inner |
| 3 | Brown/black printed white paper | Cover |
| 4 | Brown printed beige paper | Inside pages |



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Test(s) marked with 'φ' was subcontracted to external laboratory.

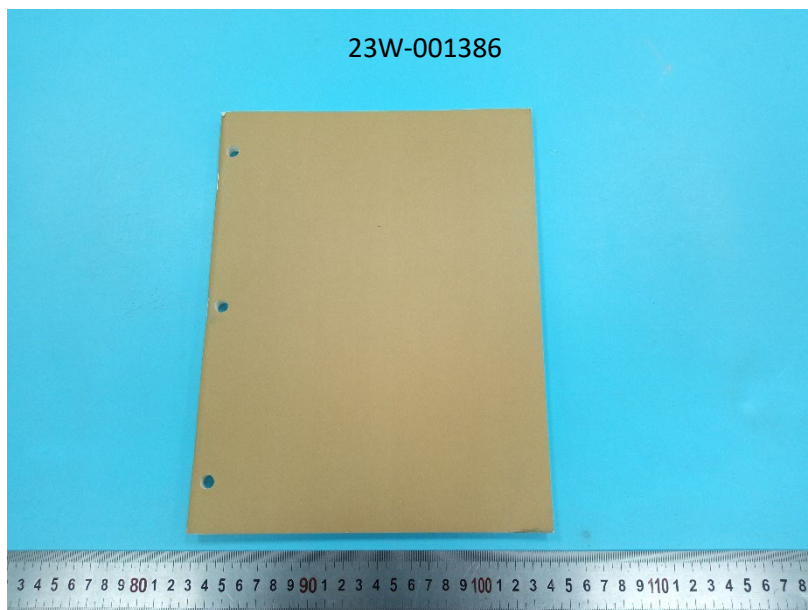
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SAMPLE PHOTO:



-End Report-

