

**Test Report No.: 68.431.21.05451.01**

**Dated: 2022-02-15**



**Applicant** : Spector & Co

**Address** : /

**Sample Description** : NOTEBOOK

**Item No.** : EC3050

**Style No.** : ECO

**PO / Order No.** : PO#72106

**Supplier** : USN015

**Country of Origin** : CHINA

**Exported to** : CANADA & U.S.A.

**Test Sample Receipt Date, Location** : 2021-12-23, 2022-01-25, Shenzhen

**Test Period, Location** : From 2021-12-31 to 2022-02-14, Shenzhen

**Test Result(s)** : Refer to Section 3

**Laboratory:**

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Nanshan District, Shenzhen, Guangdong, China



**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

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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

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

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Project Manager

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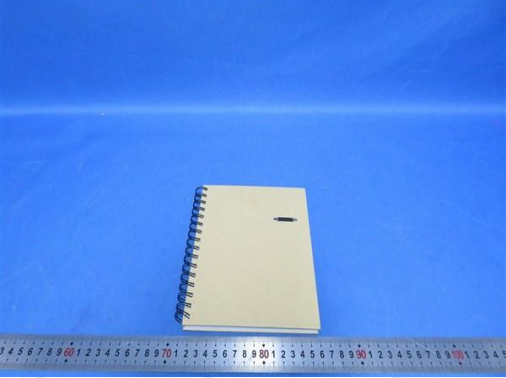
Nanshan District, Shenzhen, Guangdong, China

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1. Description of the Test Sample:

Sample Description	NOTEBOOK
	



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2. List of Materials as identified by the Laboratory:

T. No.	Sample No.	Colour and Description	Photograph
T1	001	Black coating on metal (Fixer)	
T2	002	Silvery metal (Fixer)	
T3	003	Silvery metal (Eyelet)	
T4	004	Black fabric (Elastic band)	
T5	005	Black soft plastic (Elastic band)	
T6	006	Khaki / white paper w/ grey paper board w/ black printing (Cover)	
T7	007	Black printed off white paper (Pages)	

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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
002	7440-43-9	N.D.	<75	Pass
003	7440-43-9	N.D.	<75	Pass
004	7440-43-9	N.D.	<75	Pass
005	7440-43-9	N.D.	<75	Pass
006	7440-43-9	N.D.	<75	Pass
007	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
001	7440-43-9	N.D.	<75	Pass

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



**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
002	7439-92-1	N.D.	<100	Pass
003*	7439-92-1	N.D.	<100	Pass
004	7439-92-1	N.D.	<100	Pass
005	7439-92-1	N.D.	<100	Pass
006	7439-92-1	N.D.	<100	Pass
007	7439-92-1	N.D.	<100	Pass

- Note 1. "mg/kg" denotes milligram per kilogram  
 2. "<" denotes less than  
 3. "\*" denotes sample was received on 2022-01-25.

**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
001	7439-92-1	N.D.	<90	Pass

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

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**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	N.D.	<90	Pass
002	7439-92-1	N.D.	<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
006	7439-92-1	N.D.	<90	Pass
007	7439-92-1	N.D.	<90	Pass

- Note 1. "mg/kg" denotes milligram per kilogram  
 2. "<" denotes less than  
 3. "\*" denotes sample was received on 2022-01-25.

**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
001	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 001	Sample 004	Sample 005	
DEHP, Di-(2-ethylhexyl)-phthalat	117-81-7	N.D.	N.D.	N.D.	<0.1
DBP, Dibutylbenzylphthalat	84-74-2	N.D.	N.D.	N.D.	<0.1
DEP, Diethyl phthalate	84-66-2	N.D.	N.D.	N.D.	<0.1
BBP, Butylbenzylphthalat	85-68-7	N.D.	N.D.	N.D.	<0.1
DIBP, Di-iso-butylphthalat	84-69-5	N.D.	N.D.	N.D.	<0.1
DINP, Di-isononyl phthalate	28553-12-0 , 68515-48-0	N.D.	N.D.	N.D.	<0.1
DIDP, Di-isodecylphthalat	26761-40-0 , 68515-49-1	N.D.	N.D.	N.D.	<0.1
DNOP, Di-n-octylphthalat	117-84-0	N.D.	N.D.	N.D.	<0.1
DnHP, Di-n-hexyl phthalate	84-75-3	N.D.	N.D.	N.D.	<0.1
DCHP, Dicyclohexyl phthalate	84-61-7	N.D.	N.D.	N.D.	<0.1
DNPP, Di-n-pentylphthalat	131-18-0	N.D.	N.D.	N.D.	<0.1
<b>Conclusion</b>		Pass	Pass	Pass	-

Phthalates	CAS No.	Results [%]		Client's Specification [%]
		Sample 006	Sample 007	
DEHP, Di-(2-ethylhexyl)-phthalat	117-81-7	0.005	N.D.	<0.1
DBP, Dibutylbenzylphthalat	84-74-2	N.D.	N.D.	<0.1
DEP, Diethyl phthalate	84-66-2	N.D.	N.D.	<0.1
BBP, Butylbenzylphthalat	85-68-7	N.D.	N.D.	<0.1
DIBP, Di-iso-butylphthalat	84-69-5	N.D.	N.D.	<0.1
DINP, Di-isononyl phthalate	28553-12-0 , 68515-48-0	N.D.	N.D.	<0.1
DIDP, Di-isodecylphthalat	26761-40-0 , 68515-49-1	N.D.	N.D.	<0.1
DNOP, Di-n-octylphthalat	117-84-0	N.D.	N.D.	<0.1
DnHP, Di-n-hexyl phthalate	84-75-3	N.D.	N.D.	<0.1
DCHP, Dicyclohexyl phthalate	84-61-7	N.D.	N.D.	<0.1
DNPP, Di-n-pentylphthalat	131-18-0	N.D.	N.D.	<0.1
<b>Conclusion</b>		Pass	Pass	-

Note 1. "<" denotes less than

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### 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 001	Sample 004	Sample 005	
Dibutyl phthalate, (DBP)	84-74-2	N.D.	N.D.	N.D.	<0.1
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	N.D.	N.D.	N.D.	<0.1
Benzyl butyl phthalate, (BBP)	85-68-7	N.D.	N.D.	N.D.	<0.1
Di-isodecyl phthalate, (DIDP)	26761-40-0 , 68515-49-1	N.D.	N.D.	N.D.	<0.1
Di-n-hexyl phthalate (DNHP)	84-75-3	N.D.	N.D.	N.D.	<0.1
Di-isononyl phthalate, (DINP)	28553-12-0 , 68515-48-0	N.D.	N.D.	N.D.	<0.1
<b>Conclusion</b>		Pass	Pass	Pass	-

Phthalates	CAS No.	Results [% w/w]		Client's Specification [% w/w]
		Sample 006	Sample 007	
Dibutyl phthalate, (DBP)	84-74-2	N.D.	N.D.	<0.1
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	0.005	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
<b>Conclusion</b>		Pass	Pass	-

Note 1. "<" denotes less than

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**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 001	Sample 004	Sample 005	
Dibutyl phthalate, (DBP)	84-74-2	N.D.	N.D.	N.D.	<0.1
Benzyl butyl phthalate, (BBP)	85-68-7	N.D.	N.D.	N.D.	<0.1
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	N.D.	N.D.	N.D.	<0.1
Diisobutylphthalate, (DIBP)	84-69-5	N.D.	N.D.	N.D.	<0.1
Di-n-hexyl phthalate (DHEXP)	84-75-3	N.D.	N.D.	N.D.	<0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	N.D.	N.D.	N.D.	<0.1
Di-isononyl phthalate, (DINP)	28553-12-0 , 68515-48-0	N.D.	N.D.	N.D.	<0.1
Di-n-pentyl phthalates (DPENP)	131-18-0	N.D.	N.D.	N.D.	<0.1
<b>Conclusion</b>		Pass	Pass	Pass	-

Phthalates	CAS No.	Results [%]		Limit [%]
		Sample 006	Sample 007	
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	0.005	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
<b>Conclusion</b>		Pass	Pass	-

Note 1. "<" denotes less than  
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**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.	-
<b>Conclusion</b>	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 001	
Mercury	N.D.	<10
<b>Conclusion</b>	Pass	-

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

2. "<" denotes less than

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Dated: 2022-02-15



### 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 002	Sample 003	
Nickel	101.949	6704.934	-
Conclusion	Report As Is	Report As Is	-

Note:

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

-- END OF TEST REPORT--



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