Date: 2024-03-26



**Applicant:** Spector & Co

Address:

**Product Name:** Spiral Eco Notebook

Item No.: EC3090

Style No.: **ECO NOTEBOOK** 

TRA010 Supplier: **Country of Origin: CANADA** 

**Country of Destination:** CANADA & U.S.A.

Receipt Date of Sample: 2024-03-19

**Date of Testing:** From 2024-03-20 to 2024-03-26

Sample Submitted: The sample(s) was (were) submitted by applicant and identified.

**Test Result:** Refer to the data listed in following pages

Test	Item	Conclusion
1.	US California Proposition 65 - Total Cadmium Content Test - Substrate Materials	Pass*
2.	US California Proposition 65 - Total Lead Content Test - Substrate Materials	Pass*
3.	Phthalates Content (11P)	Pass*
4.	Canadian Consumer Products Containing Lead Regulations SOR/2018-83 - Total Lead Content Test	Pass
5.	U.S. CFR Title 16 Part 1307 - Toys and Childcare Articles - Phthalates Content (8P)	Pass
6.	US California Proposition 65 - Phthalates Content (6P)	Pass*

Remarks: 1. MDL = Method Detection Limit

2. N.D. = Not Detected (<MDL)

3. ≤ Less than

4. 1 mg/kg = 1 ppm = 0.0001%

5. NA=Not Applicable

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Date: 2024-03-26



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

Prepared by:

Authorized by:

gysica



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Steven Sh

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#### Note:

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  For further details, please see "Testing and certification regulation", chapter A-3.4
  - For full version, please visit: EN: https://www.tuvsud.cn/zh-cn/resource/terms-and-conditions---en; SCN: https://www.tuvsud.cn/zh-cn/terms-and-conditions; TCN: https://www.tuvsud.com/zh-tw/terms-and-conditions
- (2) The results relate only to the Items tested.
- (3) The test report shall not be reproduced except in full without the written approval of the laboratory
- (4) If relevant standards do not specify decision rule(s), follow decision rule as below:
  - "Pass" means that the measured result is within the limits, even when extended by expanded uncertainty at a level of confidence of 95%.
  - "Fail" means that the measured result is beyond the limit, even when extended by expanded uncertainty at a level of confidence of 95%.
- (5) The test item and sample were specified by the client.
- (6) "\*" denotes the conclusion was drawn according to the client's specification.

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Lab 1 - Chemical testing and part of electrical testing

electrical testing

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Lab 2 - Physical & Mechanical Test: Building A2, Jin'ao Industrial Park, No. 150, Jingfang Road, Fuhai, Baoan District, Shenzhen, Guangdong, China

Date: 2024-03-26



### **Description of Tested Subject:**

Sample	Description	Photo
A	Whole product	

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Phone: +86 755 8828 6998

Fax: +86 755 8828 5299

Date: 2024-03-26



Sample	Description	Photo
001	Blue/ black printed white paper (Cover of book)	234567895012345678360^2345678370123456783801
002	Black printed white paper (Cover of book)	5 6 7 8 9 50 1 2 3 4 5 6 7 8 3 60 ? ? 3 4 5 6 7 8 9 70 1 2 3 4 5 6 7 8 3 80 1 7
003	Light blue/ black printed white paper (Cover of book)	Final 2 2 4 5 6 7 8 9 60 1 2 3 4 5 6 7 8 9 70 1 2 3 4 5 6 7 8 9 80 1 2 1

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Sample	Description	Photo
004	Grey/ black printed white paper (Cover of book)	1 2 3 4 5 6 7 8 9 60 4 2 3 4 5 6 7 8 9 701 2 3 4 5 6 7 8 9 801 2 3 4 5 6 7
005	Green/ black printed white paper (Cover of book)	12345678950123456789601231
006	Orange/ black printed white paper (Cover of book)	67895012345678960*??456789701234567898012345

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Lab 2 - Physical & Mechanical Test:

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Date: 2024-03-26



Sample	Description	Photo
007	Red/ black printed white paper (Cover of book)	67895012345678960*23456789701234567838012
008	Clear laminated white paper with black printing (Cover of book)	WININ 400  8 9 5 0 1 2 3 4 5 6 7 8 2 6 0 1 2 3 4 5 6 7 8 9 7 0 1 2 3 4 5 6 7 8 9 8 0 1 2 3 4 5
009	Brown/ black printed white paper (Cover of book)	78950123456789601234567897012345678980123456

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Lab 2 - Physical & Mechanical Test:

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Date: 2024-03-26



010	Cream paper sheet with brown printing (Page of book)	
011	Black plastic (Binding of book)	

T. No	Sample	Description
T1	001	Blue/ black printed white paper (Cover of book)
T2	002	Black printed white paper (Cover of book)
Т3	003	Light blue/ black printed white paper (Cover of book)
T4	004	Grey/ black printed white paper (Cover of book)
T5	005	Green/ black printed white paper (Cover of book)
T6	006	Orange/ black printed white paper (Cover of book)
T7	007	Red/ black printed white paper (Cover of book)
T8	800	Clear laminated white paper with black printing (Cover of book)
Т9	009	Brown/ black printed white paper (Cover of book)
T10	010	Cream paper sheet with brown printing (Page of book)
T11	011	Black plastic (Binding of book)

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Lab 1 - Chemical testing and part of electrical testing

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Lab 2 - Physical & Mechanical Test: Buildin

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Date: 2024-03-26



### Test Result(s):

### 1. US California Proposition 65 - Total Cadmium Content Test - Substrate Materials

Test with reference to acid digestion or microwave digestion, determination by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Sample	Unit	MDL	Client's Limit	Result(s)	Conclusion
001+002+003	mg/kg	10	75	N.D.	Pass
004+005+006	mg/kg	10	75	N.D.	Pass
007+008+009	mg/kg	10	75	N.D.	Pass
010	mg/kg	10	75	N.D.	Pass
011	mg/kg	10	75	N.D.	Pass

#### 2. US California Proposition 65 - Total Lead Content Test - Substrate Materials

Test with reference to acid digestion or microwave digestion, determination by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Sample	Unit	MDL	Client's Limit	Result(s)	Conclusion
001+002+003	mg/kg	10	100	N.D.	Pass
004+005+006	mg/kg	10	100	N.D.	Pass
007+008+009	mg/kg	10	100	N.D.	Pass
010	mg/kg	10	100	N.D.	Pass
011	mg/kg	10	100	N.D.	Pass

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#### 3. Phthalates Content (11P)

Test with reference to in-house method, solvent extracted and analyzed by Gas Chromatography and Mass Spectrometry (GC-MS).

Parameter	CAS No. Unit	Unit	MDL	Client's	Result(s)		
Farameter	CAS NO.		IVIDL	Limit	001+002+003	004+005+006	
Diethyl phthalate(DEP)	84-66-2	%	0.005	0.1	N.D.	N.D.	
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	N.D.	N.D.	
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	N.D.	N.D.	
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	N.D.	N.D.	
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.005	0.1	N.D.	N.D.	
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	N.D.	N.D.	
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	N.D.	N.D.	
Di-n-octyl phthalate, (DNOP)	117-84-0	%	0.005	0.1	N.D.	N.D.	
Di-isononyl phthalate, (DINP)	28553-12-0	%	0.005	0.1	N.D.	N.D.	
Di-isodecyl phthalate, (DIDP)	26761-40-0	%	0.005	0.1	N.D.	N.D.	
Di-n-pentyl phthalates (DnPP)	131-18-0	%	0.005	0.1	N.D.	N.D.	
	Conclusion						

Date: 2024-03-26



Parameter	CAS No.	Unit	MDL	Client's Limit	Result(s)	
Parameter	CAS NO.		IVIDL		007+008+009	010
Diethyl phthalate(DEP)	84-66-2	%	0.005	0.1	N.D.	N.D.
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	N.D.	N.D.
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	N.D.	N.D.
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	N.D.	N.D.
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.005	0.1	N.D.	N.D.
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	N.D.	N.D.
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	N.D.	N.D.
Di-n-octyl phthalate, (DNOP)	117-84-0	%	0.005	0.1	N.D.	N.D.
Di-isononyl phthalate, (DINP)	28553-12-0	%	0.005	0.1	N.D.	N.D.
Di-isodecyl phthalate, (DIDP)	26761-40-0	%	0.005	0.1	N.D.	N.D.
Di-n-pentyl phthalates (DnPP)	131-18-0	%	0.005	0.1	N.D.	N.D.
	Pass	Pass				

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Parameter	CAS No.	Unit MDL	Client's	Result(s)	
Parameter	CAS NO.		IVIDE	Limit	011
Diethyl phthalate(DEP)	84-66-2	%	0.005	0.1	N.D.
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	N.D.
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	N.D.
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	N.D.
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.005	0.1	N.D.
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	N.D.
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	N.D.
Di-n-octyl phthalate, (DNOP)	117-84-0	%	0.005	0.1	N.D.
Di-isononyl phthalate, (DINP)	28553-12-0	%	0.005	0.1	N.D.
Di-isodecyl phthalate, (DIDP)	26761-40-0	%	0.005	0.1	N.D.
Di-n-pentyl phthalates (DnPP)	131-18-0	%	0.005	0.1	N.D.
	Pass				

4. Canadian Consumer Products Containing Lead Regulations SOR/2018-83 - Total Lead Content Test
Test with reference to acid digestion or microwave digestion, determination by Inductively Coupled Plasma
Optical Emission Spectrometer (ICP-OES).

Sample	Unit	MDL	Limit	Result(s)	Conclusion
001+002+003	mg/kg	10	90	N.D.	Pass
004+005+006	mg/kg	10	90	N.D.	Pass
007+008+009	mg/kg	10	90	N.D.	Pass
010	mg/kg	10	90	N.D.	Pass
011	mg/kg	10	90	N.D.	Pass

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#### U.S. CFR Title 16 Part 1307 - Toys and Childcare Articles - Phthalates Content (8P) 5.

Test with reference to in-house method, solvent extracted and analyzed by Gas Chromatography and Mass Spectrometry (GC-MS).

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
Parameter	CAS NO. OHR MDE EIHIR	Lillit	001+002+003	004+005+006		
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	N.D.	N.D.
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	N.D.	N.D.
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	N.D.	N.D.
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.005	0.1	N.D.	N.D.
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	N.D.	N.D.
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	N.D.	N.D.
Di-isononyl phthalate, (DINP)	28553-12-0	%	0.005	0.1	N.D.	N.D.
Di-n-pentyl phthalates (DnPP)	131-18-0	%	0.005	0.1	N.D.	N.D.
	Pass	Pass				

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
Farameter	rarameter CAS No.				007+008+009	010
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	N.D.	N.D.
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	N.D.	N.D.
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	N.D.	N.D.
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.005	0.1	N.D.	N.D.
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	N.D.	N.D.
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	N.D.	N.D.
Di-isononyl phthalate, (DINP)	28553-12-0	%	0.005	0.1	N.D.	N.D.
Di-n-pentyl phthalates (DnPP)	131-18-0	%	0.005	0.1	N.D.	N.D.
	Pass	Pass				

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Parameter	CAS No.	Unit MDL	Limit	Result(s)	
Farameter	CAS NO.	. Office Wide Ellinic		LIIIII	011
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	N.D.
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	N.D.
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	N.D.
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.005	0.1	N.D.
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	N.D.
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	N.D.
Di-isononyl phthalate, (DINP)	28553-12-0	%	0.005	0.1	N.D.
Di-n-pentyl phthalates (DnPP)	131-18-0	%	0.005	0.1	N.D.
	Pass				

### 6. US California Proposition 65 - Phthalates Content (6P)

Test with reference to in-house method, solvent extracted and analyzed by Gas Chromatography and Mass Spectrometry (GC-MS).

Parameter	CAS No.	Unit	MDL	Client's	Result(s)	
Farameter	CAS NO.	Offic	IVIDE	Limit	001+002+003	004+005+006
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	N.D.	N.D.
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	N.D.	N.D.
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	N.D.	N.D.
Di-isodecyl phthalate, (DIDP)	26761-40-0	%	0.005	0.1	N.D.	N.D.
Di-n-hexyl phthalate (DNHP)	84-75-3	%	0.005	0.1	N.D.	N.D.
Di-isononyl phthalate, (DINP)	28553-12-0	%	0.005	0.1	N.D.	N.D.
	Pass	Pass				

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Parameter	CAS No.	Unit	MDL	Client's	Result(s)	
Farameter	CAS NO.	Offic	IVIDE	Limit	007+008+009	010
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	N.D.	N.D.
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	N.D.	N.D.
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	N.D.	N.D.
Di-isodecyl phthalate, (DIDP)	26761-40-0	%	0.005	0.1	N.D.	N.D.
Di-n-hexyl phthalate (DNHP)	84-75-3	%	0.005	0.1	N.D.	N.D.
Di-isononyl phthalate, (DINP)	28553-12-0	%	0.005	0.1	N.D.	N.D.
	Pass	Pass				

Parameter	CAS No.	Unit	MDL	Client's Limit	Result(s) 011
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	N.D.
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	N.D.
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	N.D.
Di-isodecyl phthalate, (DIDP)	26761-40-0	%	0.005	0.1	N.D.
Di-n-hexyl phthalate (DNHP)	84-75-3	%	0.005	0.1	N.D.
Di-isononyl phthalate, (DINP)	28553-12-0	%	0.005	0.1	N.D.
	Pass				

-End of Test Report-