



TEST REPORT

Test Report # 17W-001278-S1 Date of Report Issue: January 22, 2018
 Date of Sample Received: December 29, 2017 Pages: Page 1 of 16

CLIENT INFORMATION:

Company: Spector & Co.
 Address: -



SAMPLE INFORMATION:

Description: Vinyl pouch with inner vinyl RFID cardholder & 2,000mAh powerbank
 Assortment: RED,GRN,BLU,BLK,ORG
 Model/style No.: DONALD POWER CARD HOLDER
 SKU No.: T154
 Factory/Supplier: USU019
 Quantity Submitted: 15 pcs
 Country of Distribution: -
 Country of Origin: -
 Testing Period: 12/29/2017-01/03/2018,01/15/2018-01/22/2018

OVERALL RESULT:

PASS with information

Refer to page 2 for test result summary and appropriate notes.

HANGZHOU ASIAINSPECTION TECHNOLOGY CO., LTD

Kevin Lee

Kevin Lee
 Technical Manager





TEST REPORT

Test Report # 17W-001278-S1 Date of Report Issue: January 22, 2018
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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 Paints and Surface Coatings
PASS	California Proposition 65, Total Lead in Substrate Materials
PASS	California Proposition 65, Total Cadmium in Paints and Surface Coatings
PASS	California Proposition 65, Total Cadmium in Substrate Materials
PASS	Client's Requirement, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP, DNOP, DEP)
N/A	FCC Certification-Document Review
Refer to Detailed Results	*RFID Signal Test

Remark: *Revised information and supersedes the previous report no. 17W-001278 date: 01/03/2018





DETAILED RESULTS:

California Proposition 65, Total Lead in Paints and Surface Coatings

Test Method: CPSC-CH-E-1003-09.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	6+7	---	---	---	---	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
Conclusion	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.





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+5	8	9	10+11	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	19	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	12	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	---	---	---	---	100
Conclusion	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.





DETAILED RESULTS:

California Proposition 65, Total Cadmium in Paints and Surface Coatings

Test Method: ASTM F963-16 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	6+7	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	---	---	---	---	75
Conclusion	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.





DETAILED RESULTS:

California Proposition 65, Total Cadmium in Substrate Materials

Test Method: ASTM F963-16 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2	3+4+5	8	9	10+11	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	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	12	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	---	---	---	---	75
Conclusion	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.



**DETAILED RESULTS:****Client's Requirement, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP, DNOP, DEP)**

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1+2	3+4+5	6+7	10+11	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	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
Di-n-octyl phthalate (DNOP)	117-84-0	ND	ND	ND	ND	1000
Diethyl phthalate (DEP)	84-66-2	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 150 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.



**DETAILED RESULTS:****Client's Requirement, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP, DNOP, DEP)**

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.	12	---	---	---	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
Di-n-octyl phthalate (DNOP)	117-84-0	ND	---	---	1000
Diethyl phthalate (DEP)	84-66-2	ND	---	---	1000
Conclusion		PASS	---	---	

Note:

mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 150 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.





DETAILED RESULTS:

FCC Certification-Document Review

US Distribution – Electrical Regulations			
Applicable Regulations	Test Report Received	Test Report Acceptable	Comments
FCC verification – POWERBANK	Report No.: CTL1710236072-F	Yes	Test Report of product was provided for compliance

OBJECTIVE: To determine whether all applicable tests were conducted on the products, based on United States distribution.

RECEIVED INFORMATION:

TEST REPORT/CERTIFICATION no.	Issue date:	Issued by:
Report No.: CTL1710236072-F	Oct 27, 2017	Shenzhen CTL Testing Technology Co., Ltd.
ACTUAL PRODUCT (if any):		

Note:

The test is carried out by an AI internal laboratory





DETAILED RESULTS:

*RFID Signal Test

Test	Observation	Conclusion
<p>Test the effectiveness of the product in blocking the RFID signal</p>	<p>Test Procedure: An octopus card was placed inside the blue RFID Card Silder and blue wallet. Then the product with the octopus card was placed onto an octopus card reader which was capable to read octopus card at frequency at 13.56 MHz.</p> <p>The octopus card reader detected signal at 60mm without the use of RFID Card Slider/blue wallet.</p> <p>Result:</p> <p>Blue RFID Card Slider: The octopus card reader did not detect any signal on both front side and opposite side with the use of blue RFID Card Slider even though the RFID Card Silder totally touched the reader.</p> <p>The blue RFID card slider was capable to block RFID signal at frequency 13.56 MHz.</p> <p>Blue Wallet: The octopus card reader detect signal on both front side and opposite side with the use of blue wallet.</p> <p>The blue wallet cannot block RFID signal at frequency 13.56 MHz.</p> <p>Refer below photos for the detail.</p>	<p>Blue Slider – PASS</p> <p>Blue Wallet - INFORMATION ONLY</p>

Note:

The test is carried out by an AI internal laboratory





SAMPLE PHOTO:

The following photos show the tested location for the blue RFID Card Slider.

Remark:

Only an Octopus card was inserted into the card slider for testing.



1st



2nd



3rd



4th





SAMPLE PHOTO:

The following photos show the tested location for the blue RFID Card Slider.

Remark:

Only an Octopus card was inserted into the card slider for testing.



5th





SAMPLE PHOTO:

The following photos show the tested location for the blue wallet.

Remark:

Only an Octopus card was inserted into the card slider for testing.



1st



2nd





SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Red synthetic leather	Main body(red style)
2	Black synthetic leather	Main body(black style)
3	Blue synthetic leather	Main body(blue style)
4	Orange synthetic leather	Main body(orange style)
5	Green synthetic leather	Main body(green style)
6	Black ink	Edge(all styles)
7	Black coating	Main body of powerbank
8	Silver metal	Main body of powerbank
9	Silver metal	Plug of powerbank
10	Black plastic	Wire of powerbank
11	Black plastic	Edge of powerbank
12	White coated black sticker	Sticker of powerbank





SAMPLE PHOTO:





SAMPLE PHOTO:



-End Report-

