QIMA
YOUR EYES IN THE SUPPLY CHAIN

ilac-MRA ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY AT-1500

TEST REPORT

Test Report #	19H-006383	Date of Report Issue:	September 26, 2019
Date of Sample Received:	August 23, 2019	Pages:	Page 1 of 1

CLIENT INFORMATION:

Company:	Spector & Co.
Recipient:	CHRIS PEARSON
Recipient Email:	chrisp@spectorandco.com

SAMPLE INFORMATION:

Description:	4,000 mAh UL CERTIFIED POWER BANK		
Assortment:	TECH	Purchase Order Number:	-
SKU/style No.:	00T10260BLK/ T1026	Toy Co./Agency:	-
Factory/Supplier/Vendor:	USC056	Country of Origin:	China
Country of Distribution:	United States, Canada	Labeled Age Grade:	-
Quantity Submitted:	2 pcs	Recommended Age Grade:	-
Testing Period:	08/27/2019 – 09/05/2019 09/26/2019 – 09/26/2019	Tested Age Grade:	-

OVERALL RESULT: **PASS**

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

QIMA Testing (HK) Limited

Loska Yeung Lok Ka
Assistant Manager, Chemical Laboratory

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Ricky Cheung Chin Yeung
Manager, Physical Laboratory

TEST RESULTS SUMMARY:

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

CONCLUSION	TEST(S) CONDUCTED
PASS	California Proposition 65, Total Lead and Cadmium in Paints and Surface Coatings
PASS	California Proposition 65, Total Lead and Cadmium in Substrate Materials
PASS	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)
PASS	Client's Requirement, 11 Phthalates[#]
PASS	Model Toxics in Packaging Legislation of the Toxics in Packaging Clearinghouse (TPCH)
PASS	Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content
PASS	Canadian Products Containing Mercury Regulations (SOR/2014-254), Total Mercury in Battery[#ϕ]
PASS	19 CFR 134.11, Country of Origin[#]
PASS	47 CFR 15 - FCC Labeling Review[#]
PASS	Marking of Imported Goods Order, (C.R.C., c.535), Country of Origin[#]
PASS	Charter of French Language, (R.S.Q., c.C-11), Province of Quebec Labeling[#]

DETAILED RESULTS:

California Proposition 65, Total Lead and Cadmium in Paints and Surface Coatings

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

Specimen No.	2	---	---	---	---	**Total Limit (ppm)**
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	---	---	---	---	**75**
Total Lead (Pb)	ND	---	---	---	---	**90**
Conclusion	PASS	---	---	---	---	

Note:
ppm (Parts per million) = mg/kg (Milligrams per kilogram)
LT = Less than
ND = Not detected (Reporting Limit = 20 ppm)
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 and Cadmium in Substrate Materials

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

Specimen No.	3+4	5+6	7+8	9	10	**Total**
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	**Limit (ppm)**
Total Cadmium (Cd)	ND	ND	ND	ND	ND	**75**
Total Lead (Pb)	ND	ND	ND	ND	ND	**100**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	11	12	---	---	---	**Total**
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	**Limit (ppm)**
Total Cadmium (Cd)	ND	ND	---	---	---	**75**
Total Lead (Pb)	ND	ND	---	---	---	**100**
Conclusion	PASS	PASS	---	---	---	

Note:
ppm (Parts per million) = mg/kg (Milligrams per kilogram)
LT = Less than
ND = Not detected (Reporting Limit = 20 ppm)
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, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

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

Specimen No.		2	3+4	5+6	7+8	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	**Limit (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**
	Conclusion	PASS	PASS	PASS	PASS	

Note:
mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)
LT = Less than
ND = Not detected (Reporting Limit = 300 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, 11 Phthalates

Test Method: In-House Method#
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		2	3+4	5+6	7+8	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	**Limit (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**
Di-n-octyl phthalate (DnOP)	117-84-0	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**
Diethyl phthalate (DEP)	84-66-2	ND	ND	ND	ND	**1000**
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	**1000**
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	**1000**
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	**1000**
	Conclusion	PASS	PASS	PASS	PASS	

Note:
mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)
LT = Less than
ND = Not detected (Reporting Limit = 300 mg/kg)
Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

Model Toxics in Packaging Legislation of the Toxics in Packaging Clearinghouse (TPCH)

Test Method: CH-HK-WI063
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry, Ultraviolet-Visible Spectrophotometry

Specimen No.	14	15	16	17	---	**Total Limit (ppm)**
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Cadmium (Cd)	ND	ND	ND	ND	---	
Chromium VI (Cr VI)	ND	ND	ND	ND	---	
Lead (Pb)	ND	ND	ND	ND	---	
Mercury (Hg)	ND	ND	ND	ND	---	
Sum	ND	ND	ND	ND	---	**100**
Conclusion	PASS	PASS	PASS	PASS	---	

Note:
ppm (Parts per million) = mg/kg (Milligrams per kilogram)
LT = Less than
ND = Not detected (Reporting Limit = 20 ppm)
Composite results are based on specimen of least mass resulting in highest potential concentration.
Total Chromium is reported for Chromium (VI) unless specified.

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.	2	3+4	5+6	7+8	9	
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	**Limit (mg/kg)**
Total Lead (Pb)	ND	ND	ND	ND	ND	**90**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	10	11	12	---	---	
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	**Limit (mg/kg)**
Total Lead (Pb)	ND	ND	ND	---	---	**90**
Conclusion	PASS	PASS	PASS	---	---	

Note:
mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)
LT = Less than
ND = Not detected (Reporting Limit = 20 mg/kg)
Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

Canadian Products Containing Mercury Regulations (SOR/2014-254), Total Mercury in Battery

Test Method: In-House Method#ϕ
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	13	---	---	---	---	**Total Limit (ppm)**
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Mercury (Hg)	ND	---	---	---	---	**5**
Conclusion	PASS	---	---	---	---	

Note:
ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)
LT = Less than
ND = Not detected (Reporting Limit = 2 ppm)

DETAILED RESULTS:

19 CFR 134.11, Country of Origin#

Test	Observation	Conclusion
Country of Origin	Present on product and can be read easily by consumer at the point of sale	PASS

47 CFR 15 - FCC Labeling Review#

Requirement	Observation	Conclusion
Verification- FCC ID	Trade name and model number was presented on product.	PASS
Verification- Compliance Label	The compliance label was presented on the instruction.	PASS
Verification- Information Statement	Instruction with Information Statement was provided.	PASS

Marking of Imported Goods Order, (C.R.C., c.535), Country of Origin#

Section	Requirement	Conclusion
2	Country of Origin Markings	PASS

Charter of French Language, (R.S.Q., c.C-11), Province of Quebec Labeling#

Clause	Test	Conclusion
c.C-11	French Labeling	PASS

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
2	Silvery coating	On power bank
3	Off white plastic	USB port
4	White plastic	USB
5	Dark grey plastic	Mini USB
6	Bright white plastic	Power bank
7	Black PVC	USB/ mini USB
8	Matt black PVC	Wire
9	Black plated off silvery metal	Power bank
10	Golden metal	USB port
11	Silvery metal	USB
12	Matt silvery metal	Mini USB
13	Silvery battery	Power bank
14	Clear plastic	Bubble sheet
15	Clear laminated black printed white/ brown paperboard	Box
16	Black PVC	Wire
17	Sharp silvery metal	Inner wire

SAMPLE PHOTO:

-End Report-