

TEST REPORT

Test Report # 19W-013642 Date of Report Issue: December 24, 2019
Date of Sample Received: September 4, 2019 Pages: Page 1 of 17

CLIENT INFORMATION:

Company: Spector & Co.
Address: -



SAMPLE INFORMATION:

Description: Power Bank + silicone strap
Assortment: TECH
Model/style No.: T139,08T139,T1391
PO No.: -
SKU No.: XXX
Item No./Item Name: COMMANDER
Factory/Supplier: USC056
Country of Origin: China
Country of Distribution: United States, Canada
Testing Period: 09/05/2019-09/16/2019,12/20/2019-12/24/2019

OVERALL RESULT:

PASS

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

QIMA (HANGZHOU) TESTING CO., LTD.

Kevin Lee

Kevin Lee
Technical Manager



QIMA (HANGZHOU) TESTING CO., LTD. ♦ 4-5/F A2 BLDG NO. 1213 HUOJU SOUTH ROAD PUYAN STREET BINJIANG DISTRICT HANGZHOU CHINA

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Test(s) marked with 'φ' 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.

If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

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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 Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content |
| PASS | California Proposition 65, Total Cadmium in Substrate Materials |
| PASS | Canadian Products Containing Mercury Regulations (SOR/2014-254), Total Mercury in Battery |
| PASS | California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP) |
| 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 | Client's Requirement, Phthalates content |
| PASS | Technical-Consultation ^φ |



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+6 | 7 | 8+9 | 10 | 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 | ND | ND | 100 |
| Conclusion | PASS | PASS | PASS | PASS | PASS | |

| Specimen No. | 11 | 12 | 13 | 14+16 | 15 | 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 | ND | ND | 100 |
| Conclusion | PASS | PASS | PASS | PASS | PASS | |

| Specimen No. | 17 | 18+19 | --- | --- | --- | 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 | --- | --- | --- | 100 |
| Conclusion | 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. | |
| 18+19 | 19W-009662-S1 | 9+10 | October 24, 2019 |



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+5+6 | 7 | 8+9 | 10 | 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 | ND | ND | 90 |
| Conclusion | PASS | PASS | PASS | PASS | PASS | |

| Specimen No. | 11 | 12 | 13 | 14+16 | 15 | 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 | ND | ND | 90 |
| Conclusion | PASS | PASS | PASS | PASS | PASS | |

| Specimen No. | 17 | 18+19 | --- | --- | --- | 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 | --- | --- | --- | 90 |
| Conclusion | 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. | |
| 18+19 | 19W-009662-S1 | 9+10 | October 24, 2019 |



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+5+6 | 7 | 8+9 | 10 | 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. | 11 | 12 | 13 | 14+16 | 15 | 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. | 17 | 18+19 | --- | --- | --- | 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 | --- | --- | --- | 75 |
| Conclusion | 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. | |
| 18+19 | 19W-009662-S1 | 9+10 | October 24, 2019 |



DETAILED RESULTS:

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

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

| Specimen No. | 20 | --- | --- | --- | --- | Total Limit (mg/kg) |
|--------------------|----------------|----------------|----------------|----------------|----------------|---------------------|
| Test Item | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | |
| Total Mercury (Hg) | ND | --- | --- | --- | --- | 5 |
| Conclusion | PASS | --- | --- | --- | --- | |

Note:
 mg/kg =Milligrams per kilogram
 LT = Less than
 ND = Not detected (Reporting Limit = 1 mg/kg)



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. | | 1+2+3 | 4+5+6 | 8+9 | 10 | 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 |
| 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:

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. | | 11 | 13 | 14+16 | 18+19 | 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 |
| 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.

Data Consolidation Reference:

| Specimen No. | Transferred from | | Date of Issue |
|--------------|------------------|--------------|------------------|
| | Report No. | Specimen No. | |
| 18+19 | 19W-009662-S1 | 9+10 | October 24, 2019 |



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. | | 1+2+3 | 4+5+6 | 8+9 | 10 | 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 |
| Di-n-hexyl phthalate (DHEXP / DnHP) | 84-75-3 | 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

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.



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. | 11 | 13 | 14+16 | 18+19 | | 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 |
| Di-n-hexyl phthalate (DHEXP / DnHP) | 84-75-3 | 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
 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.

Data Consolidation Reference:

| Specimen No. | Transferred from | | Date of Issue |
|--------------|------------------|--------------|------------------|
| | Report No. | Specimen No. | |
| 18+19 | 19W-009662-S1 | 9+10 | October 24, 2019 |



DETAILED RESULTS:

Client's Requirement, Phthalates content

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

| Specimen No. | | 1+2+3 | 4+5+6 | 8+9 | 10 | 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 (DHEXP / 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 |
| Diisobutyl phthalate (DIBP) | 84-69-5 | ND | ND | ND | ND | 1000 |
| Dicyclohexyl phthalate (DCHP) | 84-61-7 | ND | ND | ND | ND | 1000 |
| Di-n-pentyl phthalate (DPENP/DnPP) | 131-18-0 | 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 content

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

| Specimen No. | | 11 | 13 | 14+16 | 18+19 | 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 (DHEXP / 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 |
| Diisobutyl phthalate (DIBP) | 84-69-5 | ND | ND | ND | ND | 1000 |
| Dicyclohexyl phthalate (DCHP) | 84-61-7 | ND | ND | ND | ND | 1000 |
| Di-n-pentyl phthalate (DPENP/DnPP) | 131-18-0 | 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.



Data Consolidation Reference:

| Specimen No. | Transferred from | | Date of Issue |
|--------------|------------------|--------------|------------------|
| | Report No. | Specimen No. | |
| 18+19 | 19W-009662-S1 | 9+10 | October 24, 2019 |



DETAILED RESULTS:

Technical-Consultation^φ

| US Distribution – Federal regulation (Telecommunication) | | | |
|--|--------------------------|------------------------|--|
| Applicable Regulations | Test Report Received | Test Report Acceptable | Comment |
| FCC Part 15:2018 Subpart B | Report No.: TB-FCC169144 | Yes | Test Report of product was provided for compliance |

OBJECTIVE: To determine whether the applicable FCC test was conducted on the product, based on United States distribution.

RECEIVED INFORMATION:

| TEST REPORT/CERTIFICATION no. | Issue date: | Issued by: |
|---------------------------------|-------------|--|
| Report No.: TB-FCC169144 | 2019-09-23 | 1A/F., Bldg.6, Yusheng Industrial Zone, The National Road No.107 Xixiang Section 467, Xixiang, Bao'an, Shenzhen, China |
| Certification No.: TB190923134 | 2019-09-23 | 1A/F., Bldg.6, Yusheng Industrial Zone, The National Road No.107 Xixiang Section 467, Xixiang, Bao'an, Shenzhen, China |
| ACTUAL PRODUCT (if any): | | |
| --- | | |



SPECIMEN DESCRIPTION:

| Specimen No. | Specimen Description | Location |
|--------------|---|------------------------------|
| 1 | Black soft plastic | Strap |
| 2 | Green soft plastic | Strap |
| 3 | White soft plastic | Strap |
| 4 | Red soft plastic | Strap |
| 5 | Blue soft plastic | Strap |
| 6 | Orange soft plastic | Strap |
| 7 | Silvery metal | Big port of Power Bank |
| 8 | White plastic | Big port of Power Bank |
| 9 | Black plastic | Switch of Power Bank |
| 10 | Black printed silvery plastic with glue | Sticker of Power Bank |
| 11 | Silvery/white printed black plastic with glue | Viewing screen of Power Bank |
| 12 | Black plated silvery metal | Main body of Power Bank |
| 13 | Black soft plastic | Wire jacket |
| 14 | Black plastic | Small port |
| 15 | Silvery metal | Small port |
| 16 | White plastic | Big port |
| 17 | Silvery metal | Big port |
| 18 | Black plastic | Big Gripper place |
| 19 | Black plastic | Small Gripper place |
| 20 | Silvery Battery | Battery of Power Bank |



SAMPLE PHOTO:



SAMPLE PHOTO:



-End Report-

