



Test Report

Report No.:

UNI2017122601RR-01

Date: 2017/12/26

Page 1/ 6

Applicant :

Address :

The following sample(s) was /were submitted and identified on behalf of the clients as :

Sample Name : Wireless charger

Sample Model : LWC-F05, LWC-F01, LWC-F02, LWC-F03, LWC-F04, LWC-F06,
LWC-F07, LWC-F08, LWC-F09

Sample Received Date : Dec., 16, 2017

Testing Period : Dec., 16, 2017 - Dec., 26, 2017

Test Requested : Selected test (s) in the selected parts as requested by client with the EU Directive 2011/65/EU on the restriction of hazardous substances and Commission Decision 2005/618/EC-(RoHS Directive)

Test Method : Please refer to next page(s).

Test Result : Please refer to next page(s).

Prepared by :

Amanda

Reviewer :

Jazmin

Approved & Authorized Signer





Test Report

Report No.:

UNI2017122601RR-01

Date: 2017/12/26

Page 2/ 6

Test Method and Test Equipment:

| Test Item(s) | Test Method | Test Equipment |
|--------------|-------------------|----------------|
| Lead(Pb) | IEC62321-3-1:2013 | XRF |
| Cadmium(Cd) | IEC62321-3-1:2013 | XRF |
| Mercury(Hg) | IEC62321-3-1:2013 | XRF |
| Chromium(Cr) | IEC62321-3-1:2013 | XRF |
| Bromine(Br) | IEC62321-3-1:2013 | XRF |

Part of the test method:

| No. | Test Item(s) | Test Method |
|-----|--------------|--------------------------------------|
| 8 | Bromine(Br) | IEC 62321-1: 2013+IEC 62321-3-1:2013 |

| No. | Sample Description | Test item | Result | Limit | Judgment |
|-----|--------------------|--------------|--------|-------|----------|
| 1 | White plastic case | Lead(Pb) | N.D. | 1000 | Pass |
| | | Cadmium(Cd) | N.D. | 100 | Pass |
| | | Mercury(Hg) | N.D. | 1000 | Pass |
| | | Chromium(Cr) | N.D. | 1000 | Pass |
| | | Bromine(Br) | N.D. | 350 | Pass |
| 2 | Black rubber pad | Lead(Pb) | N.D. | 1000 | Pass |
| | | Cadmium(Cd) | N.D. | 100 | Pass |
| | | Mercury(Hg) | N.D. | 1000 | Pass |
| | | Chromium(Cr) | N.D. | 1000 | Pass |
| | | Bromine(Br) | N.D. | 350 | Pass |
| 3 | Silver screws | Lead(Pb) | N.D. | 1000 | Pass |
| | | Cadmium(Cd) | N.D. | 100 | Pass |
| | | Mercury(Hg) | N.D. | 1000 | Pass |
| | | Chromium(Cr) | N.D. | 1000 | Pass |
| | | Bromine(Br) | N.D. | 350 | -- |



Test Report

Report No.:

UNI2017122601RR-01

Date: 2017/12/26

Page 3/ 6

| No. | Sample Description | Test item | Result | Limit | Judgment |
|-----|------------------------|--------------|--------|-------|----------|
| 4 | Black metal | Lead(Pb) | N.D. | 1000 | Pass |
| | | Cadmium(Cd) | N.D. | 100 | Pass |
| | | Mercury(Hg) | N.D. | 1000 | Pass |
| | | Chromium(Cr) | N.D. | 1000 | Pass |
| | | Bromine(Br) | N.D. | 350 | -- |
| 5 | Pink wire skin | Lead(Pb) | N.D. | 1000 | Pass |
| | | Cadmium(Cd) | N.D. | 100 | Pass |
| | | Mercury(Hg) | N.D. | 1000 | Pass |
| | | Chromium(Cr) | N.D. | 1000 | Pass |
| | | Bromine(Br) | N.D. | 350 | Pass |
| 6 | Copper core | Lead(Pb) | N.D. | 1000 | Pass |
| | | Cadmium(Cd) | N.D. | 100 | Pass |
| | | Mercury(Hg) | N.D. | 1000 | Pass |
| | | Chromium(Cr) | N.D. | 1000 | Pass |
| | | Bromine(Br) | N.D. | 350 | -- |
| 7 | Silver metal (mic-usb) | Lead(Pb) | N.D. | 1000 | Pass |
| | | Cadmium(Cd) | N.D. | 100 | Pass |
| | | Mercury(Hg) | N.D. | 1000 | Pass |
| | | Chromium(Cr) | N.D. | 1000 | Pass |
| | | Bromine(Br) | N.D. | 350 | -- |
| 8 | Green coating (PCB) | Lead(Pb) | N.D. | 1000 | Pass |
| | | Cadmium(Cd) | N.D. | 100 | Pass |
| | | Mercury(Hg) | N.D. | 1000 | Pass |
| | | Chromium(Cr) | N.D. | 1000 | Pass |
| | | Bromine(Br) | N.D. | 350 | Pass |
| 9 | Yellow resin (PCB) | Lead(Pb) | N.D. | 1000 | Pass |
| | | Cadmium(Cd) | N.D. | 100 | Pass |
| | | Mercury(Hg) | N.D. | 1000 | Pass |
| | | Chromium(Cr) | N.D. | 1000 | Pass |
| | | Bromine(Br) | N.D. | 350 | Pass |



Test Report

Report No.:

UNI2017122601RR-01

Date: 2017/12/26

Page 4/ 6

| No. | Sample Description | Test item | Result | Limit | Judgment |
|-----|------------------------|--------------|--------|-------|----------|
| 10 | White wire skin | Lead(Pb) | N.D. | 1000 | Pass |
| | | Cadmium(Cd) | N.D. | 100 | Pass |
| | | Mercury(Hg) | N.D. | 1000 | Pass |
| | | Chromium(Cr) | N.D. | 1000 | Pass |
| | | Bromine(Br) | N.D. | 350 | Pass |
| 11 | White plastic wrap | Lead(Pb) | N.D. | 1000 | Pass |
| | | Cadmium(Cd) | N.D. | 100 | Pass |
| | | Mercury(Hg) | N.D. | 1000 | Pass |
| | | Chromium(Cr) | N.D. | 1000 | Pass |
| | | Bromine(Br) | N.D. | 350 | Pass |
| 12 | Silver metal (usb) | Lead(Pb) | N.D. | 1000 | Pass |
| | | Cadmium(Cd) | N.D. | 100 | Pass |
| | | Mercury(Hg) | N.D. | 1000 | Pass |
| | | Chromium(Cr) | N.D. | 1000 | Pass |
| | | Bromine(Br) | N.D. | 350 | -- |
| 13 | White plastic (usb) | Lead(Pb) | N.D. | 1000 | Pass |
| | | Cadmium(Cd) | N.D. | 100 | Pass |
| | | Mercury(Hg) | N.D. | 1000 | Pass |
| | | Chromium(Cr) | N.D. | 1000 | Pass |
| | | Bromine(Br) | N.D. | 350 | Pass |
| 14 | Silver lead (usb) | Lead(Pb) | N.D. | 1000 | Pass |
| | | Cadmium(Cd) | N.D. | 100 | Pass |
| | | Mercury(Hg) | N.D. | 1000 | Pass |
| | | Chromium(Cr) | N.D. | 1000 | Pass |
| | | Bromine(Br) | N.D. | 350 | -- |
| 15 | Silver metal (mic-usb) | Lead(Pb) | N.D. | 1000 | Pass |
| | | Cadmium(Cd) | N.D. | 100 | Pass |
| | | Mercury(Hg) | N.D. | 1000 | Pass |
| | | Chromium(Cr) | N.D. | 1000 | Pass |
| | | Bromine(Br) | N.D. | 350 | -- |



Test Report

Report No.:

UNI2017122601RR-01

Date: 2017/12/26

Page 5/ 6

| No. | Sample Description | Test item | Result | Limit | Judgment |
|-----|-------------------------|--------------|--------|-------|----------|
| 16 | Black plastic (mic-usb) | Lead(Pb) | N.D. | 1000 | Pass |
| | | Cadmium(Cd) | N.D. | 100 | Pass |
| | | Mercury(Hg) | N.D. | 1000 | Pass |
| | | Chromium(Cr) | N.D. | 1000 | Pass |
| | | Bromine(Br) | N.D. | 350 | Pass |

Estimated detection limits in mg/kg for regulated elements in various material

| Element | Polymer Material | Metallic Material | Composite Material |
|--------------|------------------|-------------------|--------------------|
| Lead(Pb) | 300 | 300 | 300 |
| Cadmium(Cd) | 30 | 30 | 30 |
| Mercury(Hg) | 300 | 300 | 300 |
| Chromium(Cr) | 300 | 300 | 300 |
| Bromine(Br) | 300 | Not applicable | 300 |

Note:

1. P = Pass
2. F = Fail
3. "--" = Not applicable



Test Report

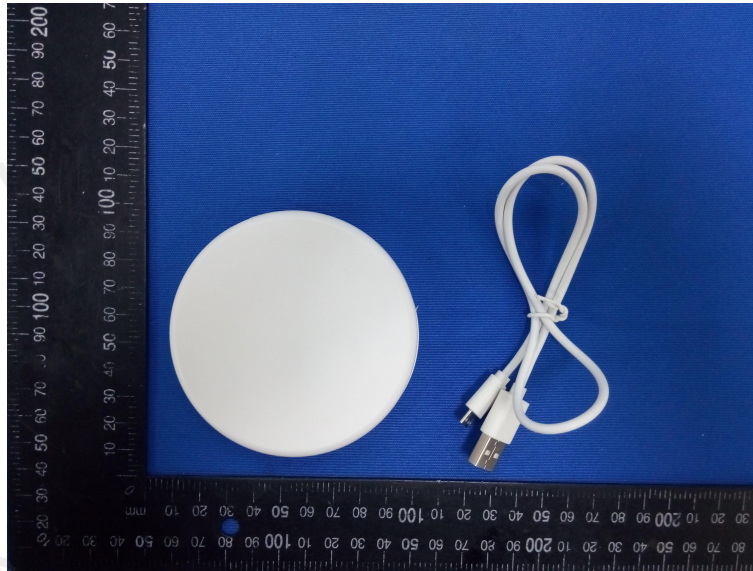
Report No.:

UNI2017122601RR-01

Date: 2017/12/26

Page 6/ 6

Sample photo:



*** End of Report ***