



Test Report

Report No.:

UNI2017062708RR-01

Date: 2017/06/27

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Applicant

Address

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

Sample Name : Wireless Presenter

Sample Model : PSN-08B, P7000

Trade Name : Everest, Sourceway

Sample Received Date : Jun.,23, 2017

Testing Period : Jun.,23, 2017 - Jun.,27, 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)

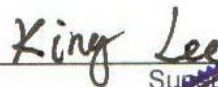
Test Method : Please refer to next page(s).

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

Prepared by :


Engineer

Reviewer :


Supervisor

Approved & Authorized Signer :


Ho Yee Lou / Manager



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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 |

| No. | Sample Description | Test item | XRF Result |
|-----|--------------------|--------------|------------|
| 1 | Silver metal shell | Lead(Pb) | Pass |
| | | Cadmium(Cd) | Pass |
| | | Mercury(Hg) | Pass |
| | | Chromium(Cr) | Pass |
| | | Bromine(Br) | -- |
| 2 | Grey plastic shell | Lead(Pb) | Pass |
| | | Cadmium(Cd) | Pass |
| | | Mercury(Hg) | Pass |
| | | Chromium(Cr) | Pass |
| | | Bromine(Br) | Pass |
| 3 | PCB | Lead(Pb) | Pass |
| | | Cadmium(Cd) | Pass |
| | | Mercury(Hg) | Pass |
| | | Chromium(Cr) | Pass |
| | | Bromine(Br) | Pass |
| 4 | Gold metal | Lead(Pb) | Pass |
| | | Cadmium(Cd) | Pass |
| | | Mercury(Hg) | Pass |
| | | Chromium(Cr) | Pass |
| | | Bromine(Br) | -- |



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| No. | Sample Description | Test item | XRF Result |
|-----|---------------------|--------------|------------|
| 5 | Metal interface | Lead(Pb) | Pass |
| | | Cadmium(Cd) | Pass |
| | | Mercury(Hg) | Pass |
| | | Chromium(Cr) | Pass |
| | | Bromine(Br) | -- |
| 6 | Silver plastic | Lead(Pb) | Pass |
| | | Cadmium(Cd) | Pass |
| | | Mercury(Hg) | Pass |
| | | Chromium(Cr) | Pass |
| | | Bromine(Br) | Pass |
| 7 | White rubber button | Lead(Pb) | Pass |
| | | Cadmium(Cd) | Pass |
| | | Mercury(Hg) | Pass |
| | | Chromium(Cr) | Pass |
| | | Bromine(Br) | Pass |
| 8 | Silver metal | Lead(Pb) | Pass |
| | | Cadmium(Cd) | Pass |
| | | Mercury(Hg) | Pass |
| | | Chromium(Cr) | Pass |
| | | Bromine(Br) | -- |



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XRF screening limits in mg/kg for regulated elements in various material

| Element | Polymer Material | Metallic Material | Composite Material |
|--------------|------------------------------------|------------------------------------|------------------------------------|
| Lead(Pb) | $P \leq 700 \leq IC < 1300 \leq F$ | $P \leq 700 \leq IC < 1300 \leq F$ | $P \leq 500 \leq IC < 1500 \leq F$ |
| Cadmium(Cd) | $P \leq 70 \leq IC < 130 \leq F$ | $P \leq 70 \leq IC < 130 \leq F$ | $P \leq 70 \leq IC < 250 \leq F$ |
| Mercury(Hg) | $P \leq 700 \leq IC < 1300 \leq F$ | $P \leq 700 \leq IC < 1300 \leq F$ | $P \leq 500 \leq IC < 1500 \leq F$ |
| Chromium(Cr) | $P \leq 500 < IC$ | $P \leq 700 < IC$ | $P \leq 500 < IC$ |
| Bromine(Br) | $P \leq 300 < IC$ | Not Applicable | $P \leq 250 < IC$ |

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

| Element | Polymer Material | Metallic Material | Composite Material |
|--------------|------------------|-------------------|--------------------|
| Lead(Pb) | 10 | 50 | 50 |
| Cadmium(Cd) | 10 | 50 | 50 |
| Mercury(Hg) | 10 | 50 | 50 |
| Chromium(Cr) | 10 | 50 | 50 |
| Bromine(Br) | 10 | Not applicable | 50 |

- Note:**
1. mg/kg= ppm
 2. P = Pass
 3. F = Fail
 4. IC =Inconclusive

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SAMPLE PHOTO:



*** End of Report ***