



OH-Feel Hydroxyl Air & Surface Sanitization System

"OH-Feel is Not an Air Filter
It is Far More Effective"

ROHS CHEMICAL SAFETY SCREENING SUMMARY

Shenzhen HX Detect Certification Co., Ltd. – Report No. HX2006095504

1. Testing Facility Credibility

Shenzhen HX Detect Certification Co., Ltd. is a professional compliance laboratory specializing in EU RoHS, EMC, and materials safety analysis. The lab operates certified XRF spectrometry, ICP-OES, UV-Vis, and GC-MS equipment for hazardous substance evaluation. Results follow IEC 62321:2013 multi-part methodology.

Description of the Test

- Regulation Tested: **EU RoHS Directive 2011/65/EU (with amendment 2015/863)**
- Device Models: OH-FEEL CZ01, CZ02, CZ03, CZ04, CZ06, CZ07, CZ08, CZ09, CZ010, CZ012
- Methods Used:
 - IEC 62321-3-1:2013 (XRF screening)
 - IEC 62321-5:2013 (ICP-OES for Pb, Cd, Hg)
 - IEC 62321-7-1/7-2 (Cr(VI) analysis)
 - IEC 62321-6:2015 (GC-MS for PBBs, PBDEs)
 - IEC 62321-8:2017 (GC-MS for phthalates)

2. **Tested Components** (Page 2) Shell, switch button, PCB, capacitors, resistors, wires, lithium battery, screws, iron parts, USB interface, solder.

3. Key Results

Heavy Metals (Pb, Cd, Hg, Cr(VI))

All components tested **BL = Below Limit** (RoHS compliant).

Brominated Flame Retardants (PBBs & PBDEs)

All substances: **N.D. (Not Detected)** across all components.

Phthalates (DBP, BBP, DEHP, DIBP)



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All substances: **N.D. (Not Detected)** in all 7 screened sample groups.

Compliance Limits (per RoHS):

- Pb: 1000 ppm
- Cd: 100 ppm
- Hg: 1000 ppm
- Cr(VI): 1000 ppm
- PBBs/PBDEs: 1000 ppm
- Phthalates: 1000 ppm

Final Verdict: PASS — All screened components comply with RoHS restricted substance limits. (Page 1)

Report Dates:

Receipt: 2020-06-04

Testing: 2020-06-09

*This summary is provided for clarity.
Refer to the original RoHS chemical screening report for full data and methodology.*