TEST REPORT

Applicant	:	**SHENZHEN JIDING ELECTRONIC CO.,LTD**
Address	:	**502, Block D, Huachuangda Technology Park, No.176, Hangcheng Avenue, Sanwei Community, Hangcheng Street, Baoan District, Shenzhen, Guangdong, China**
Manufacturer	:	**SHENZHEN JIDING ELECTRONIC CO.,LTD**
Address	:	**502, Block D, Huachuangda Technology Park, No.176, Hangcheng Avenue, Sanwei Community, Hangcheng Street, Baoan District, Shenzhen, Guangdong, China**

Report on the submitted samples said to be:

Sample Name	:	Intelligent visual ear scoop
Trade Mark	:	N/A
Tested Style No.	:	S8
Series models	:	CC6, C7, C8, C9, C10, C11, C12, C6, CC7, CC8, CC9, CC10, CC11, CC12, Y8, Y9, Y10, Y11, Y12, Y13, YY8, YY9, YY10, YY11, YY12, YY13, S2, S3, S5, S6, S7, S9, P1, P2, P3, P5, P6, P7, P8, A03, A05, A06, A07, A08, A09, B03, B05, B06, B07, B08, B09, H03, H05, H06, H07, H08, H09, H1
Sample reception time	:	Mar. 03, 2025
Testing Period	:	Mar. 03, 2025 ~ Mar. 08, 2025
Test method	:	Please refer to next page(s).
Results	:	Please refer to next page(s).

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CONCLUSION:

According to client's request to conduct below tests in the selected parts of the submitted sample::

TESTITEM	RESULT
RoHS Directive 2011/65/EU Annex II amending Annex(EU)2015/863 and amending Annex (EU)2017/2102	
- Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs and PBDEs Content	Pass
- Di-(2-ethylhexyl) phthalate(DEHP), Benzylbutyl phthalate(BBP), Dibutyl phthalate(DBP), Diisobutyl phthalate(DIBP) Content	Pass

Signed for and on behalf of

Shenzhen ZTS Testing Service Co., Ltd.

Hailiang Mo

Hailiang Mo

Shenzhen ZTS Testing Service Co., Ltd. ZTS Approved

TESTPART(S):

Part(s)No.	SampleDescription
P1	Black transparent plastic
P2	Black plastic
P3	Blue plastic
P4	4 Silver Metal
P5	Glass
P6	White plastic
P7	White plastic
P8	Black plastic
P9	9 Silver Metal
P10	10 green circuit board
P11	11 batteries
P12	12 Silver Metal
P13	Red plastic
P14	White plastic
P15	15 Silver Metal

Test Result:

Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs and PBDEs Content -RoHS Directive 2011/65/EU Annex II amending Annex(EU)2015/863 and amending Annex (EU)2017/2012
Method(s) Used: Please refer to Annex B
PRELIMINARY SCREENING ASSESSMENT

PartNo.	Result(s)(mg/kg)				
	Lead	Cadmium	Mercury	Chromium	Bromine
P1	BL	BL	BL	BL	BL
P2	BL	BL	BL	BL	BL
P3	BL	BL	BL	BL	BL
P4	BL	BL	BL	BL	N/A
P5	BL	BL	BL	BL	BL
P6	BL	BL	BL	BL	BL
P7	BL	BL	BL	BL	BL
P8	BL	BL	BL	BL	BL
P9	BL	BL	BL	BL	N/A
P10	BL	BL	BL	BL	N/A
P11	BL	BL	BL	BL	N/A
P12	BL	BL	BL	BL	N/A
P13	BL	BL	BL	BL	BL
P14	BL	BL	BL	BL	BL
P15	BL	BL	BL	BL	N/A

Note(s): - APPENDIX A for interpretation of EDXRF results (Standard IEC 62321-3-1)

APPENDIX A

Element	Polymer Materials	Metallic Materials	Composite Materials
Cd	BL≤(70-3σ)<X<(130+3σ)≤OL	BL≤(70-3σ)<X<(130+3σ)≤OL	LOD<X<(150+3σ)≤OL
Pb	BL≤(700-3σ)<X<(1300+3σ)≤OL	BL≤(700-3σ)<X<(1300+3σ)≤OL	BL≤(500-3σ)<X<(1500+3σ)≤OL
Hg	BL≤(700-3σ)<X<(1300+3σ)≤OL	BL≤(700-3σ)<X<(1300+3σ)≤OL	BL≤(500-3σ)<X<(1500+3σ)≤OL
Br	BL≤(300-3σ)<X	NA	BL≤(250-3σ)<X
Cr	BL≤(700-3σ)<X	BL≤(700-3σ)<X	BL≤(500-3σ)<X

Note(s): Results was obtained by EDXRF for primary screening. According the APPENDIX A below, further chemical testing by ICP (for Cd, Pb, Hg), UV-VIS (for CrVI) and GCMSD (for PBBs, PBDEs) have to be performed, if the XRF results is in the range defined as inconclusive (X). Further chemical testing is also proposed when results are over limit (OL) in order to have a numeral result to compare to the limits set by the Directive 2011/65/EU.

APPENDIX

List of Analytes and their Corresponding Test Methods [European Council Directive 2011/65/EU] :		
No.	Name of Analytes	Test Method(s)
1	Lead(Pb), mercury(Hg), cadmium(Cd), total chromium(Cr) and total bromine(Br) using X-ray fluorescence spectrometry	With reference to IEC 62321-3-1:2013
2	Lead (Pb)	With reference to IEC 62321-5:2013
3	Cadmium (Cd)	
4	Mercury (Hg)	With reference to IEC 62321-4:2013/AMD1:2017
5	ChromiumVI (CrVI)	Metal: With reference to IEC 62321-7-1:2015 Polymers & Electronics: With reference to IEC 62321-7-2:2017
6	Polybromobiphenyls (PBBs) -Bromobiphenyl (MonoBB) -Dibromobiphenyl (DiBB) -Tribromobiphenyl (TriBB) -Tetrabromobiphenyl (TetraBB) -Pentabromobiphenyl (PentaBB) -Hexabromobiphenyl (HexaBB) -Heptabromobiphenyl (HeptaBB) -Octabromobiphenyl (OctaBB) -Nonabromobiphenyl (NonaBB) -Decabromobiphenyl (DecaBB)	With reference to IEC 62321-6:2015
7	Polybromodiphenyl ethers (PBDEs) -Bromodiphenyl ether (MonoBDE) -Dibromodiphenyl ether (DiBDE) -Tribromodiphenyl ether (TriBDE) -Tetrabromodiphenyl ether (TetraBDE) -Pentabromodiphenyl ether (PentaBDE) -Hexabromodiphenyl ether (HexaBDE) -Heptabromodiphenyl ether (HeptaBDE) -Octabromodiphenyl ether (OctaBDE) -Nonabromodiphenyl ether (NonaBDE) -Decabromodiphenyl ether (DecaBDE)	With reference to IEC 62321-6:2015
The principle of this method was evaluated and supported by two studies organized by IEC TC 111 WG3. These studies were focused on detecting the presence of Cr VI in the corrosion protection coatings on metallic samples.		

Di-(2-ethylhexyl) phthalate(DEHP), Benzylbutyl phthalate(BBP), Dibutyl phthalate(DBP), Diisobutyl phthalate(DIBP) Content- RoHS Directive 2011/65/EU Annex II amending Annex(EU)2015/863 and amending Annex (EU)2017/2012

Method(s) Used: IEC 62321-8:2017, analyzed by Gas Chromatography with Mass Selective Detector

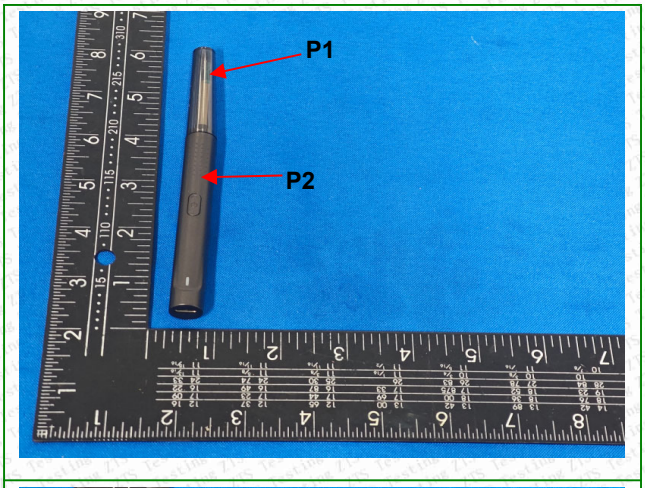
Testparameter (s)	CAS No.	Result(s)(mg/kg)	Limit(mg/kg)
		P1+P2+P3	
(BBP)Benzyl-n-butyl phthalate (BBP)	85-68-7	Not detected <50	1000
Di-n-butyl phthalate (DBP)	84-74-2	Not detected <50	1000
Di (2-ethylhexyl) phthalate (DEHP)	117-81-7	Not detected <50	1000
Di-iso-butyl phthalate (DIBP)	84-69-5	Not detected <50	1000
Conclusion		Pass	Pass

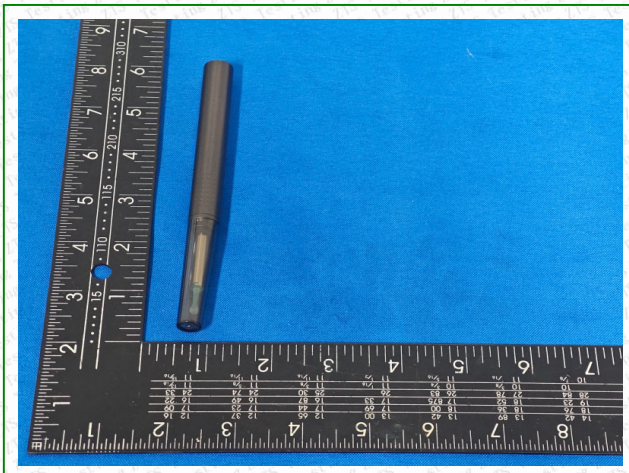
Testparameter (s)	CAS No.	Result(s)(mg/kg)	Limit(mg/kg)
		P5+P6+P7	
(BBP)Benzyl-n-butyl phthalate (BBP)	85-68-7	Not detected <50	1000
Di-n-butyl phthalate (DBP)	84-74-2	Not detected <50	1000
Di (2-ethylhexyl) phthalate (DEHP)	117-81-7	Not detected <50	1000
Di-iso-butyl phthalate (DIBP)	84-69-5	Not detected <50	1000
Conclusion		Pass	Pass

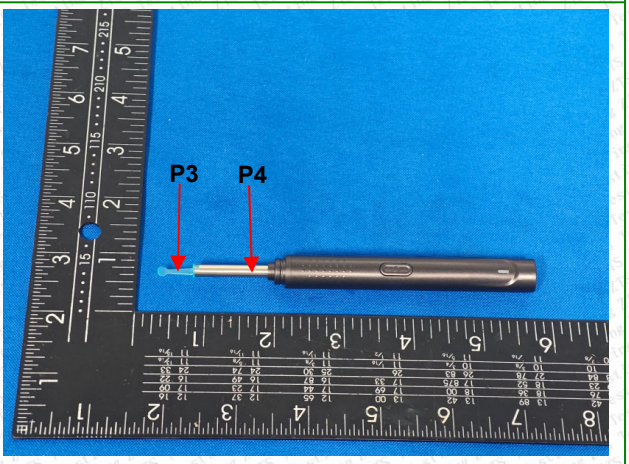
Testparameter (s)	CAS No.	Result(s)(mg/kg)	Limit(mg/kg)
		P8+P13+P14	
(BBP)Benzyl-n-butyl phthalate (BBP)	85-68-7	Not detected <50	1000
Di-n-butyl phthalate (DBP)	84-74-2	Not detected <50	1000
Di (2-ethylhexyl) phthalate (DEHP)	117-81-7	Not detected <50	1000
Di-iso-butyl phthalate (DIBP)	84-69-5	Not detected <50	1000
Conclusion		Pass	Pass

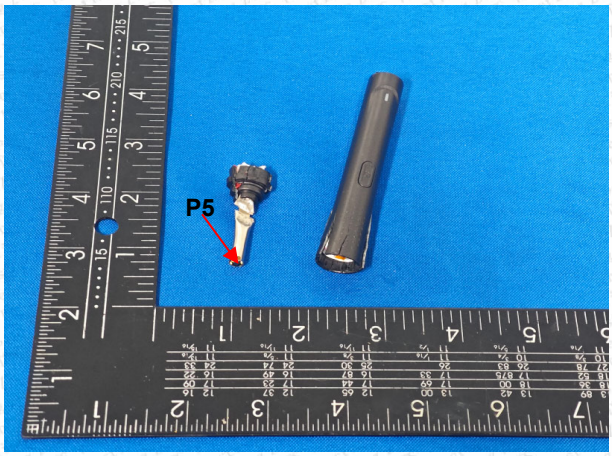
- Method Detection Limit:50mg/kg(each)

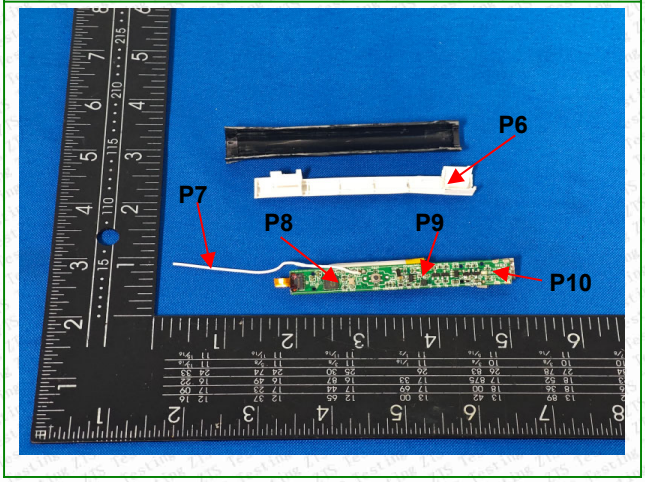
Part photo:

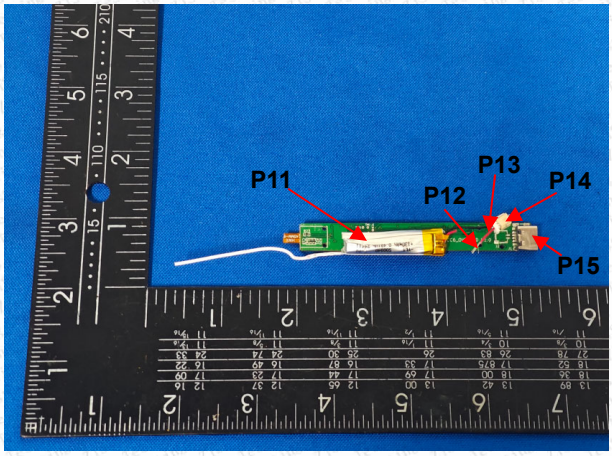












PHOTOGRAPHOFSAMPLE

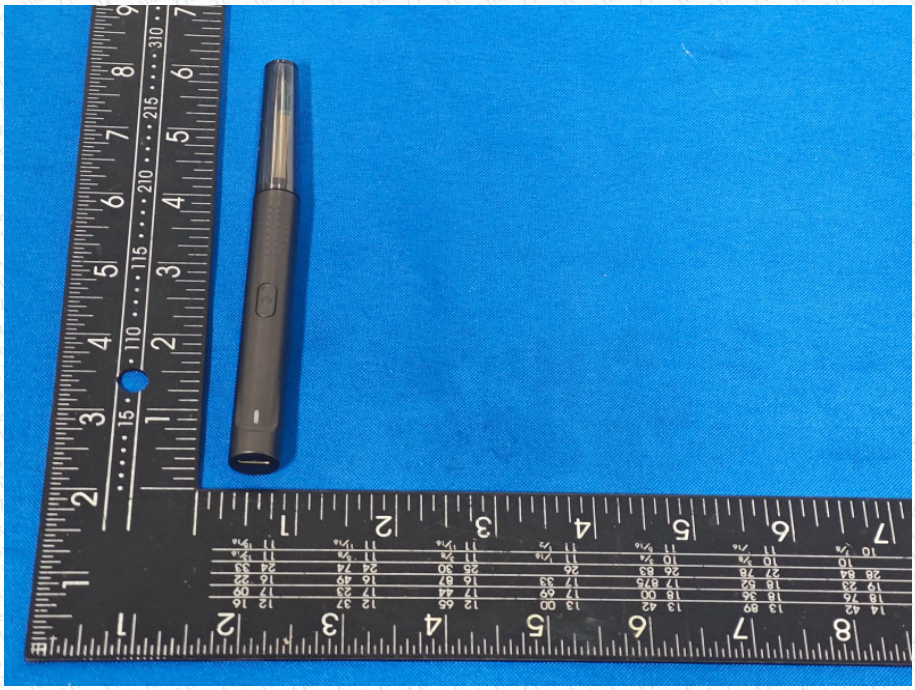


Photo 1

Photo 2

Statement:

1. The test report is considered invalidated without approval signature, special seal on the perforation.
2. The result(s) shown in this report refer only to the sample(s) tested.
3. Without written approval of ZTS, this report can't be reproduced except in full.
4. The sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which ZTS hasn't verified.
5. In case of any discrepancy between the English version and Chinese version of the testing reports (if generated), the Chinese version shall prevail.

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