TEST REPORT

Report No.: 2502T58368E Date: Oct 18, 2025 Page 1 of 11

Guangzhou Chanqi Electronics Co. Ltd
Room 502-294, No.1 Jinsui Road, Tianhe District, Guangzhou, Guangdong Province, China

Report on the submitted samples said to be:

Sample Description:	Bluetooth Speaker
Tested Model(s):	CWS06
Note:	The test results apply only to the particular sample tested and the specific test scarried out. This verification applies only specifically to the sample investigated in the test report.
Sample Receiving Date:	Sept 21,2025
Testing Period:	Sept 21,2025 - Oct 11,2025
Result:	Please refer to next page(s).

Signed for and on behalf of

BACL

Checked by: _____ Approved by: _____

Chevy Feng Jeff Duan

TEST REPORT

Report No.: 2502T58368E Date: Oct 18, 2025

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Summary of Test Result:

TEST REQUEST	CONCLUSION
A RoHS Directive 2011/65/EU and its amendment directives (EU) 2015/863	Pass
A.1 (Pb/Cd/Hg/Cr/Br) XRF screening test	Please refer to next page(s).
A.2 Wet Chemical Testing	
A.2.1 Total Lead Content	Pass
A.2.2 Chromium VI (Cr(VI)) Content	Pass
A.2.3 PBBs & PBDEs Content	Pass
A.3 Phthalates(DBP, BBP, DEHP, DIBP) Content	Pass

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A RoHS Directive 2011/65/EU and its amendment directives (EU) 2015/863

A.1 (Pb/Cd/Hg/Cr/Br) XRF screening test

Test method: IEC 62321-3-1:2013

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(1)	Black adhesive fabric (dust screen, Wireless Speaker)	BL	BL	BL	BL	BL
(2)*	Black adhesive plastic (holder, dust screen, Wireless Speaker)	BL	BL	BL	BL	IN
(3)*	Black plastic (body, Wireless Speaker)	BL	BL	BL	BL	IN
(4)	White plastic (lampshade, Wireless Speaker)	BL	BL	BL	BL	BL
(5)*	Silvery metal (magnet, Wireless Speaker)	BL	BL	BL	IN	---
(6)	Silvery metal (holder, magnet, Wireless Speaker)	BL	BL	BL	BL	---
(7)	Grey printed black adhesive plastic (cushion, Wireless Speaker)	BL	BL	BL	BL	BL
(8)	Silvery metal with black plating (screw, Wireless Speaker)	BL	BL	BL	BL	---
(9)	Black adhesive plastic (cover, charging port, Wireless Speaker)	BL	BL	BL	BL	BL
(10)	Green PCB (small PCB, Wireless Speaker)	BL	BL	BL	BL	BL
(11)	Silvery solder (small PCB, Wireless Speaker)	BL	BL	BL	BL	---
(12)	Black body (resistor, small PCB, Wireless Speaker)	BL	BL	BL	BL	BL
(13)	Beige plastic (socket, small PCB, Wireless Speaker)	BL	BL	BL	BL	BL
(14)	Silvery metal (pin, socket, small PCB, Wireless Speaker)	BL	BL	BL	BL	---
(15)	Black printed white soft plastic (wire jacket, electric wire, small PCB, Wireless Speaker)	BL	BL	BL	BL	BL
(16)	Silvery metal (wire, electric wire, small PCB, Wireless Speaker)	BL	BL	BL	BL	---
(17)	White plastic (plug, electric wire, small PCB, Wireless Speaker)	BL	BL	BL	BL	BL
(18)	Silvery metal (pin, plug, electric wire, small PCB, Wireless Speaker)	BL	BL	BL	BL	---
(19)	White PCB (big PCB, Wireless Speaker)	BL	BL	BL	BL	BL
(20)	Silvery solder (big PCB, Wireless Speaker)	BL	BL	BL	BL	---
(21)	Brown body (capacitor, big PCB, Wireless Speaker)	BL	BL	BL	BL	BL
(22)	Black body (resistor, big PCB, Wireless Speaker)	BL	BL	BL	BL	BL
(23)	Black body (IC, big PCB, Wireless Speaker)	BL	BL	BL	BL	BL
(24)	Silvery metal (crystal oscillator, big PCB, Wireless Speaker)	BL	BL	BL	BL	---
(25)	Black body with white printing (resistor, big PCB, Wireless Speaker)	BL	BL	BL	BL	BL
(26)	Black plastic (holder, big capacitor, big PCB, Wireless Speaker)	BL	BL	BL	BL	BL
(27)	Black soft rubber (base , big capacitor, big PCB, Wireless Speaker)	BL	BL	BL	BL	BL

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(28)	Silvery metal (shell, big capacitor, big PCB, Wireless Speaker)	BL	BL	BL	BL	---
(29)	Silvery metal (foil, big capacitor, big PCB, Wireless Speaker)	BL	BL	BL	BL	---
(30)	Dull silvery metal (foil, big capacitor, big PCB, Wireless Speaker)	BL	BL	BL	BL	---
(31)	Brown paper with liquid (film, big capacitor, big PCB, Wireless Speaker)	BL	BL	BL	BL	BL
(32)	Transparent adhesive plastic (tape, big capacitor, big PCB, Wireless Speaker)	BL	BL	BL	BL	BL
(33)	Silvery metal (connector, big capacitor, big PCB, Wireless Speaker)	BL	BL	BL	BL	---
(34)	Silvery metal (pin, big capacitor, big PCB, Wireless Speaker)	BL	BL	BL	BL	---
(35)	Transparent body (LED, big PCB, Wireless Speaker)	BL	BL	BL	BL	BL
(36)	Beige plastic (socket, big PCB, Wireless Speaker)	BL	BL	BL	BL	BL
(37)	Silvery metal (pin, socket, big PCB, Wireless Speaker)	BL	BL	BL	BL	---
(38)	Black plastic (button, switch, big PCB, Wireless Speaker)	BL	BL	BL	BL	BL
(39)	Black plastic (base, switch, big PCB, Wireless Speaker)	BL	BL	BL	BL	BL
(40)	Silvery metal (shell, switch, big PCB, Wireless Speaker)	BL	BL	BL	BL	---
(41)	Silvery metal (foil, switch, big PCB, Wireless Speaker)	BL	BL	BL	BL	---
(42)	Silvery metal (pin, switch, big PCB, Wireless Speaker)	BL	BL	BL	BL	---
(43)	Silvery metal (shell, power socket, big PCB, Wireless Speaker)	BL	BL	BL	BL	---
(44)	Silvery metal (pin, power socket, big PCB, Wireless Speaker)	BL	BL	BL	BL	---
(45)	Black plastic (pin holder, power socket, big PCB, Wireless Speaker)	BL	BL	BL	BL	BL
(46)	Black soft plastic (washer, power socket, big PCB, Wireless Speaker)	BL	BL	BL	BL	BL
(47)	Black adhesive plastic (diaphragm, speaker, Wireless Speaker)	BL	BL	BL	BL	BL
(48)	Black adhesive paper (diaphragm, speaker, Wireless Speaker)	BL	BL	BL	BL	BL
(49)	Coppery metal (coil, speaker, Wireless Speaker)	BL	BL	BL	BL	---
(50)	Brown paper with glue (holder, coil, speaker, Wireless Speaker)	BL	BL	BL	BL	BL
(51)	Brown plastic (holder, coil, speaker, Wireless Speaker)	BL	BL	BL	BL	BL
(52)	Coppery metal (lead, speaker, Wireless Speaker)	BL	BL	BL	BL	---
(53)	Black plastic (washer, speaker, Wireless Speaker)	BL	BL	BL	BL	BL
(54)	Black adhesive fabric (spider, speaker, Wireless Speaker)	BL	BL	BL	BL	BL
(55)	Silvery metal with black coating (frame, speaker, Wireless Speaker)	BL	BL	BL	BL	BL
(56)	Silvvery metal (magnet, speaker, Wireless Speaker)	BL	BL	BL	BL	---
(57)	Silvvery metal (cover, magnet, speaker, Wireless Speaker)	BL	BL	BL	BL	---
(58)	White plastic (wiring board, speaker, Wireless Speaker)	BL	BL	BL	BL	BL

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(59)	Silvery metal (connector, wiring board, speaker, Wireless Speaker)	BL	BL	BL	BL	---
(60)	Silvery solder (connector, wiring board, speaker, Wireless Speaker)	BL	BL	BL	BL	---
(61)	Black soft plastic (wire jacket, electric wire, speaker, Wireless Speaker)	BL	BL	BL	BL	BL
(62)	Red soft plastic (wire jacket, electric wire, speaker, Wireless Speaker)	BL	BL	BL	BL	BL
(63)	Silvery metal (wire, electric wire, speaker, Wireless Speaker)	BL	BL	BL	BL	---
(64)	White plastic (plug, electric wire, speaker, Wireless Speaker)	BL	BL	BL	BL	BL
(65)	Silvery metal (pin, plug, electric wire, speaker, Wireless Speaker)	BL	BL	BL	BL	---
(66)*	Black plastic (shell, charging base)	BL	BL	BL	BL	IN
(67)	Black plastic (cover, charging base)	BL	BL	BL	BL	BL
(68)*	Silvery metal (magnet, charging base)	BL	BL	BL	IN	---
(69)	Black adhesive plastic (cushion, charging base)	BL	BL	BL	BL	BL
(70)	Silvery metal with black plating (screw, charging base)	BL	BL	BL	BL	---
(71)	White PCB (small PCB, charging base)	BL	BL	BL	BL	BL
(72)	Silvery solder (small PCB, charging base)	BL	BL	BL	BL	---
(73)	Black body (resistor, small PCB, charging base)	BL	BL	BL	BL	BL
(74)	Beige plastic (socket, small PCB, charging base)	BL	BL	BL	BL	BL
(75)	Silvery metal (pin, socket, small PCB, charging base)	BL	BL	BL	BL	---
(76)	Silvery metal (shell, power socket, small PCB, charging base)	BL	BL	BL	BL	---
(77)	Silvery metal (pin, power socket, small PCB, charging base)	BL	BL	BL	BL	---
(78)	Black plastic (pin holder, power socket, small PCB, charging base)	BL	BL	BL	BL	BL
(79)	Green PCB (big PCB, charging base)	BL	BL	BL	BL	BL
(80)	Silvery solder (big PCB, charging base)	BL	BL	BL	BL	---
(81)*/*1	Golden metal (pin, big PCB, charging base)	OL	BL	BL	BL	---
(82)	Silvery metal (spring, pin, big PCB, charging base)	BL	BL	BL	BL	---
(83)	Beige plastic (socket, big PCB, charging base)	BL	BL	BL	BL	BL
(84)	Silvery metal (pin, socket, big PCB, charging base)	BL	BL	BL	BL	---
(85)	Black printed white soft plastic (wire jacket, electric wire, big PCB, charging base)	BL	BL	BL	BL	BL
(86)	Silvery metal (wire, electric wire, big PCB, charging base)	BL	BL	BL	BL	---
(87)	White plastic (plug, electric wire, big PCB, charging base)	BL	BL	BL	BL	BL
(88)	Silvery metal (pin, plug, electric wire, big PCB, charging base)	BL	BL	BL	BL	---

Note:
--- = Not Applicable.
* = Screening by XRF and detected by chemical method. The test result of chemical method please refer to next pages.
*1 = According to the material declaration provided by the client, the sample of test No. 81 is exempted accordance with Annex III 6(c) of directive 2011/65/EU. The exempt items of Annex III 6(c) of directive 2011/65/EU: Copper alloy containing up to 4% lead by weight.
Remark:
i Result were obtained by XRF for primary screening, and further chemical testing by ICP (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBBs, PBDEs) are recommended to be performed, if the concentration exceeds the below warning value according to IEC62321-3-1:2013.

Element	Unit	Polymers	Metal	Composite Material
Cd	mg/kg	BL≤70-3σ<X <130+3σ≤OL	BL≤70-3σ<X <130+3σ≤OL	BL≤50-3σ<X <150+3σ≤OL
Pb	mg/kg	BL≤700-3σ<X <1300+3σ≤OL	BL≤700-3σ<X <1300+3σ≤OL	BL≤500-3σ<X <1500+3σ≤OL
Hg	mg/kg	BL≤700-3σ<X <1300+3σ≤OL	BL≤700-3σ<X <1300+3σ≤OL	BL≤500-3σ<X <1500+3σ≤OL
Cr	mg/kg	BL≤700-3σ<X	BL≤700-3σ<X	BL≤500-3σ<X
Br	mg/kg	BL≤300-3σ<X	--	BL≤250-3σ<X

Note:
BL = Below Limit
OL = Over Limit
IN/X = Inconclusive (questionable, need further chemical analysis)

ii The XRF screening test for RoHS elements – The reading may be different to the actual content in the sample be of non-uniformity composition.
iii The maximum permissible limit is quoted from the RoHS directive 2011/65/EU:

Restricted Substances	Maximum Concentration Value (mg/kg) (by weight in homogenous materials)
Cadmium (Cd)	100
Lead (Pb)	1000
Mercury (Hg)	1000
Hexavalent Chromium (Cr(VI))	1000
Polybrominated biphenyls (PBBs)	1000
Polybrominated diphenylethers (PBDEs)	1000

Disclaimers:
This XRF Screening report is for reference purposes only. The applicant shall make its/his/her own judgment as to whether the information provided in this XRF screening report is sufficient for its/his/her purposes.
The result shown in this XRF screening report will differ based on various factors, including but not limited to, the sample size, thickness, area, surface flatness, equipment parameters and matrix effect (e.g. plastic, rubber, metal, glass, ceramic etc.). Further wet chemical pre-treatment with relevant chemical equipment analysis are required to obtain quantitative data.

A.2 Wet Chemical Testing

A.2.1 Total Lead Content

Test method: IEC 62321-5:2013

Item	Unit	RL	Result
			(81)
Lead(Pb)	mg/kg	10	23800

Note:
- N.D. = Not Detected or less than RL
- RL = Report Limit
- mg/kg = ppm

A.2.2 Chromium VI (Cr(VI)) Content

Test method: IEC 62321-7-1:2015

Item	Unit	RL	Result		Limit
			(5)	(68)	
hexavalent chromium(Cr(VI))	μg/cm²	0.10	N.D.	N.D.	See Remark
Conclusion	/	/	**Pass**	**Pass**	/

Limit Remark:

a. The sample is positive for Cr(VI) if the CrVI concentration is greater than 0.13μg/cm², The sample coating is considered to contain Cr(VI);
b. The sample is negative for Cr(VI) if Cr(VI) is ND (concentration less than 0.10μg/cm²),The coating is considered a non-Cr(VI) based coating;
c. The result between 0.10μg/cm² and 0.13μg/cm² is considered to be inconclusive -unavoidable coating variations may influence the determination;
For corrosion protection coatings on metals: Information on storage conditions and production date of the tested sample is unavailable and thus results of Cr(VI) represent status of the sample at the time of testing.

Note:
- N.D. = Not Detected or less than RL
- RL = Report Limit
- mg/kg = ppm

A.2.3 PBBs & PBDEs Content

Test method: IEC 62321-6:2015

Item	Unit	RL	Result			Limit
			(2)	(3)	(66)	
Monobromobiphenyl (MonoBB)	mg/kg	25	N.D.	N.D.	N.D.	-
Dibromobiphenyl(DiBB)	mg/kg	25	N.D.	N.D.	N.D.	-
Tribromobiphenyl(TriBB)	mg/kg	25	N.D.	N.D.	N.D.	-
Tetrabromobiphenyl(TetraBB)	mg/kg	25	N.D.	N.D.	N.D.	-
Pentabromobiphenyl(PentaBB)	mg/kg	25	N.D.	N.D.	N.D.	-
Hexabromobiphenyl(HexaBB)	mg/kg	25	N.D.	N.D.	N.D.	-

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Item	Unit	RL	Result			Limit
			(2)	(3)	(66)	
Heptabromobiphenyl (HeptaBB)	mg/kg	25	N.D.	N.D.	N.D.	-
Octabromobiphenyl(OctaBB)	mg/kg	25	N.D.	N.D.	N.D.	-
Nonabromobiphenyl(NonaBB)	mg/kg	25	N.D.	N.D.	N.D.	-
Decabromobiphenyl(DecaBB)	mg/kg	25	N.D.	N.D.	N.D.	-
Monobromodiphenyl ether (MonoBDE)	mg/kg	25	N.D.	N.D.	N.D.	-
Dibromodiphenyl ether (DiBDE)	mg/kg	25	N.D.	N.D.	N.D.	-
Tribromodiphenyl ether (TriBDE)	mg/kg	25	N.D.	N.D.	N.D.	-
Tetrabromodiphenyl ether (TetraBDE)	mg/kg	25	N.D.	N.D.	N.D.	-
Pentabromodiphenyl ether (PentaBDE)	mg/kg	25	N.D.	N.D.	N.D.	-
Hexabromodiphenyl ether (HexaBDE)	mg/kg	25	N.D.	N.D.	N.D.	-
Heptabromodiphenyl ether (HeptaBDE)	mg/kg	25	N.D.	N.D.	N.D.	-
Octabromodiphenyl ether (OctaBDE)	mg/kg	25	N.D.	N.D.	N.D.	-
Nonabromodiphenyl ether (NonaBDE)	mg/kg	25	N.D.	N.D.	N.D.	-
Decabromodiphenyl ether (DecaBDE)	mg/kg	25	N.D.	N.D.	N.D.	-
sum of MonoBDE,DiBDE,TriBDE,TetraBDE,PentaBDE,HexaBDE,HeptaBDE,OctaBDE,NonaBDE,DecaBDE	mg/kg	-	N.D.	N.D.	N.D.	1000
sum of MonoBB,DiBB,TriBB,TetraBB,PentaBB,HexaBB,HeptaBB,OctaBB,NonaBB,DecaBB	mg/kg	-	N.D.	N.D.	N.D.	1000
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Note:
- N.D.= Not Detected or less than RL
- RL = Report Limit
- mg/kg = ppm
- The Result less than RL are not taken into account while calculating the sum contents.

A.3 Phthalates(DBP, BBP, DEHP, DIBP) Content

Test method: IEC 62321-8:2017

Item	Unit	RL	Result				Limit
			(1)+(2)+(3)+(4)+(7)+(9)	(10)+(12)+(13)+(15)+(17)	(19)+(21)+(22)+(23)+(25)+(26)+(27)+(31)+(32)	(35)+(36)+(38)+(39)+(45)+(46)+(47)+(48)+(50)+(51)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	**Pass**	**Pass**	**Pass**	**Pass**	/

Item	Unit	RL	Result			Limit
			(53)+(54)+(58)+(61)+(62)+(64)	(55)+(79)+(83)+(85)+(87)	(66)+(67)+(69)+(71)+(73)+(74)+(78)	
Dibutyl Phthalate(DBP)	mg/kg	30	N.D.	N.D.	N.D.	1000
Benzyl Butyl Phthalate(BBP)	mg/kg	30	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	30	N.D.	N.D.	N.D.	1000
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Note:
- N.D. = Not Detected or less than RL
- RL = Report Limit
- mg/kg = ppm
- "+" =According to the applicant's request, the sample is mixed and tested, and the test result is the mixed test value, because the whole mixed test sample is regarded as a homogeneous material. If the test sample is not a homogeneous material, there will be differences in the test results, and the applicant shall undertake all differences and risk.

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Photograph of Sample

BACL authenticate the photo on original report only

TEST REPORT

Statement:

1.This report cannot be reproduced except in full, without prior written approval of the Company.
2.Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
3.This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.
4.Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
5.The information which provided by the applicant, such as sample description, sample name, material component, style/item No. , P.O. No. , manufacturer, age phase, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report.
6.The test samples were in good condition before testing.
7.The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

*** End of Report ***