RoHS TEST REPORT

Applicant	Hangzhou Yihan Network Technology Co., Ltd.
Address	Unit 19A07, 18th Floor, T2 Office Tower Runao Business Centre Xiaoshan District, Hangzhou
Manufacture	Ningbo Poogoo Electrical Appliance Co., Ltd.
Address	Puyan Village Ditang Street Yuyao Zhejiang China
Sample Name	Water Kettle
Model	PK-3018
Serial Model	/
Trademark	/
Date of Receipt	Dec. 05, 2025
Date of Test	Dec. 06, 2025 to Dec. 11, 2025
Date of Report	Dec. 11, 2025
Test Laboratory	Guangdong KAIXU Testing Technology Co., Ltd.
Test Location	Room 215, Building 2, No. 123, Dongcheng Section, Guanlong Road, Dongcheng Street, Dongguan City, Guangdong Province, China

Test Conclusion:

Test Requested	Conclusion
As specified by client, to determine the Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent chromium(Cr^{6+}), Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs), Dibutyl phthalate (DBP), Butyl benzyl phthalate(BBP), Bis(2-2thylhexyl) phthalate (DEHP) and Diisobutyl phthalate (DIBP) content in the submitted sample(s) in accordance with EU directive **2011/65/EU** and revised directive **(EU)2015/863 (RoHS2.0)**.	**PASS**

****** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) ******

Signed for and on behalf of KAIXU Test International

Tested by: Cathy Approved by: Martin

GUANGDONG KAIXU TESTING TECHNOLOGY CO., LTD KTi APPROVAL

Test Method:

1.With reference to IEC 62321-2:2021, review was performed for the samples disjointed from the submitted articles.

2.With reference to IEC 62321-1:2013, tests were performed for the samples indicated by the photos in this report

(1) With reference to IEC 62321-3-1:2013, screening by XRF spectroscopy.

(2) Wet chemical test method

a. With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES.

b. With reference to IEC 62321-5:2013, determination of Lead by ICP-OES.

c. With reference to IEC 62321-4:2013+A1:2017, determination of Mercury by ICP-OES.

d. With reference to IEC 62321-7-1:2015 & IEC 62321-7-2:2017, determination of Hexavalent chromium by Colorimetric method using UV-Vis.

e. With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.

3.With reference to IEC 62321-8: 2017, determination of phthalates by GC-MS.

Test Result:

	Results of XRF(1)(mg/kg)					Results of Wet Chemical Test(2)(mg/kg)						
Item	Pb	Cd	Hg	Cr	Br	Cr^{6+}	PBBs	PBDEs	DBP	BBP	DEHP	DIBP
Limit	1000	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
No.												
1	BL	BL	BL	BL	BL	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2	BL	BL	BL	BL	BL	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	BL	BL	BL	BL	--	--	--	--	--	--	--	--
4	BL	BL	BL	X	--	NEG	--	--	--	--	--	--
5	BL	BL	BL	BL	BL	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
6	BL	BL	BL	X	--	NEG	--	--	--	--	--	--
7	BL	BL	BL	BL	BL	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
8	BL	BL	BL	BL	BL	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
9	BL	BL	BL	BL	--	--	--	--	--	--	--	--
10	BL	BL	BL	BL	BL	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
11	BL	BL	BL	BL	BL	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
12	BL	BL	BL	BL	--	--	--	--	--	--	--	--
13	BL	BL	BL	BL	--	--	--	--	--	--	--	--
14	BL	BL	BL	BL	BL	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
15	BL	BL	BL	X	--	NEG	--	--	--	--	--	--
16	BL	BL	BL	X	--	NEG	--	--	--	--	--	--
17	BL	BL	BL	BL	BL	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
18	BL	BL	BL	BL	BL	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
19	BL	BL	BL	BL	BL	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

	Results of XRF[1](mg/kg)					Results of Wet Chemical Test[2](mg/kg)						
Item	Pb	Cd	Hg	Cr	Br	Cr^{6+}	PBBs	PBDEs	DBP	BBP	DEHP	DIBP
Limit	1000	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
No.												
20	BL	BL	BL	BL	BL	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
21	BL	BL	BL	BL	--	--	--	--	--	--	--	--
22	BL	BL	BL	BL	BL	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
23	BL	BL	BL	X	--	NEG	--	--	--	--	--	--
24	BL	BL	BL	BL	BL	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
25	BL	BL	BL	BL	BL	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
26	BL	BL	BL	BL	BL	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
27	BL	BL	BL	BL	BL	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Remark:

(1)

Pb=Lead,

Cd=Cadmium,

Hg=Mercury,

Cr=Chromium,

Br=Bromine,

PBBs=Polybrominated biphenyls,

PBDEs=Polybrominated diphenyl ethers.

(2)

(a) It is the result on total Br while test item on restricted substances is PBBs/PBDEs. It is the result on total Cr while test item on restricted substances is Cr6+.

(b) Results are obtained by XRF for primary screening, and further chemical testing by ICP-OES (for Cd, Pb,Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBBs, PBDEs) is recommended to be performed, if the concentration exceeds the below warning value according to IEC62321-3-1:2013(unit: mg/kg).

Element	Unit	Non-metal	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

(c) OL=Over Limit, BL=Below Limit, X=inconclusive, LOD=Limit of Detection, NA=not applicable

(d) The XRF screening test for RoHS elements-The reading may be different to the actual content in the sample be of non-uniformity composition

(3)

(a) mg/kg=ppm=0.0001%, N.D.=not detected(＜MDL), NEG= Negative

(b) Unit and Method Detection Limit (MDL) in wet chemical test

Test Items	Pb	Hg	Cd	PBBs	PBDEs	DBP	BBP	DEHP	DIBP
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MDL	10	10	10	50	50	50	50	50	50

The MDL for single compound of PBBs &PBDEs is 50mg/kg, MDL of Cr^{6+} for metal sample is 0.10μg/cm² and MDL of Cr^{6+} for polymer & composite sample is 8mg/kg.

(c) Metal sample:

	CrVI concentration	Conclusion
1	> 0.13 μg/cm²	Positive
2	< 0.10 μg/cm²	Negative
3	0.10 μg/cm² ~ 0.13 μg/cm²	Inconclusive

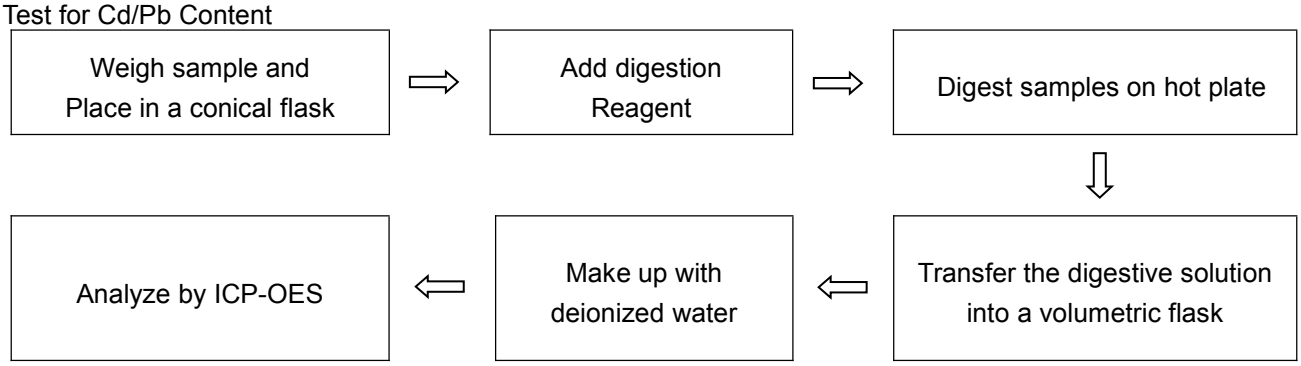
unavoidable coating variations may influence the determination

Information on storage conditions and production date of the tested sample is unavailable and thus Cr^{6+} results represent status of the sample at the time of testing.

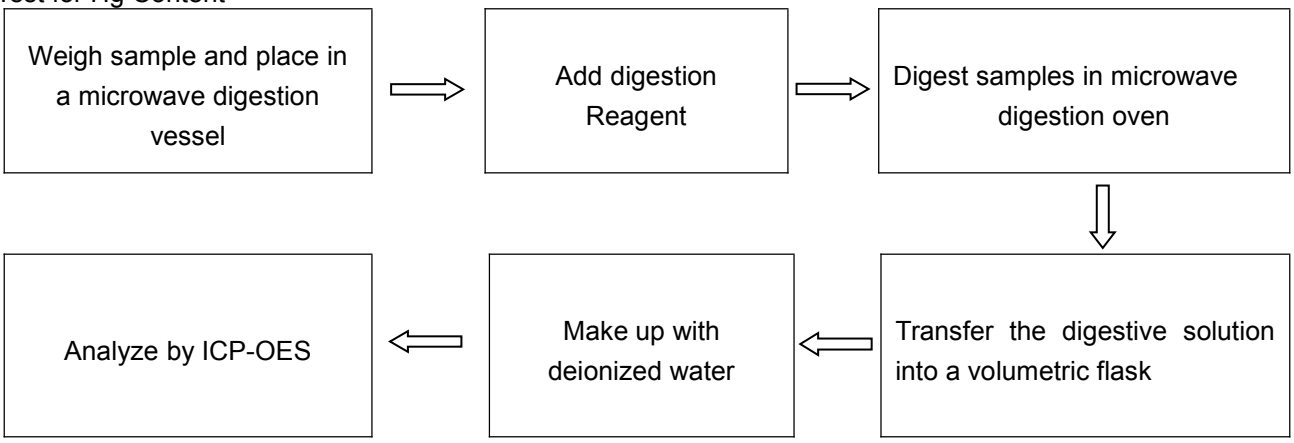
Appendix Ⅰ

Test Process:

1. Test for Cd/Pb Content

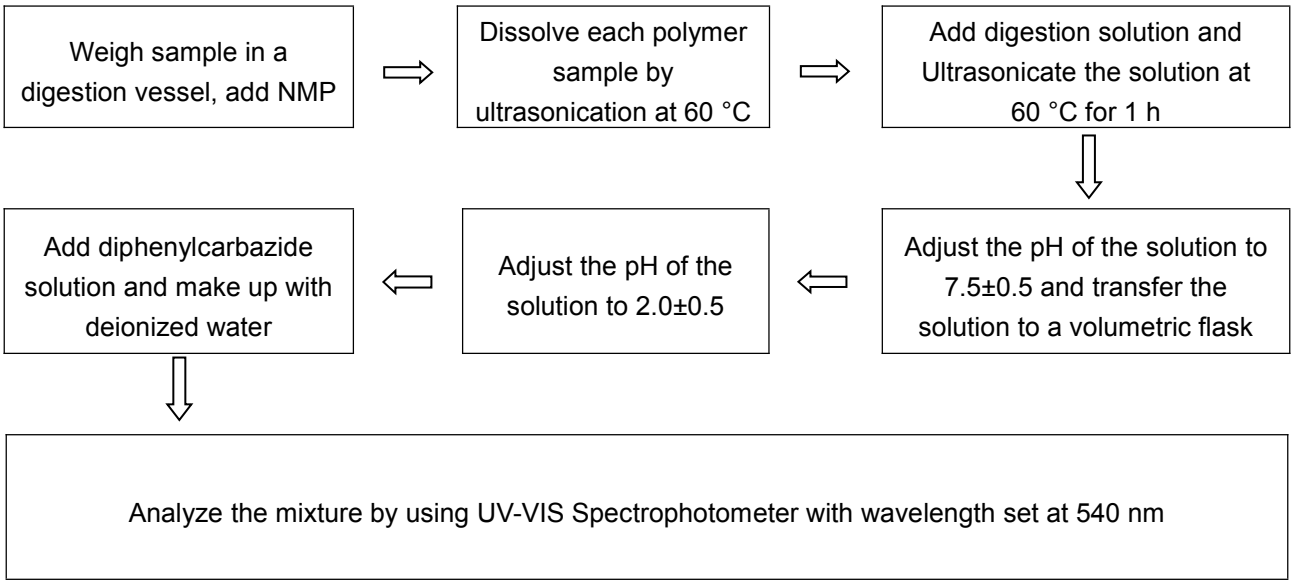


2. Test for Hg Content

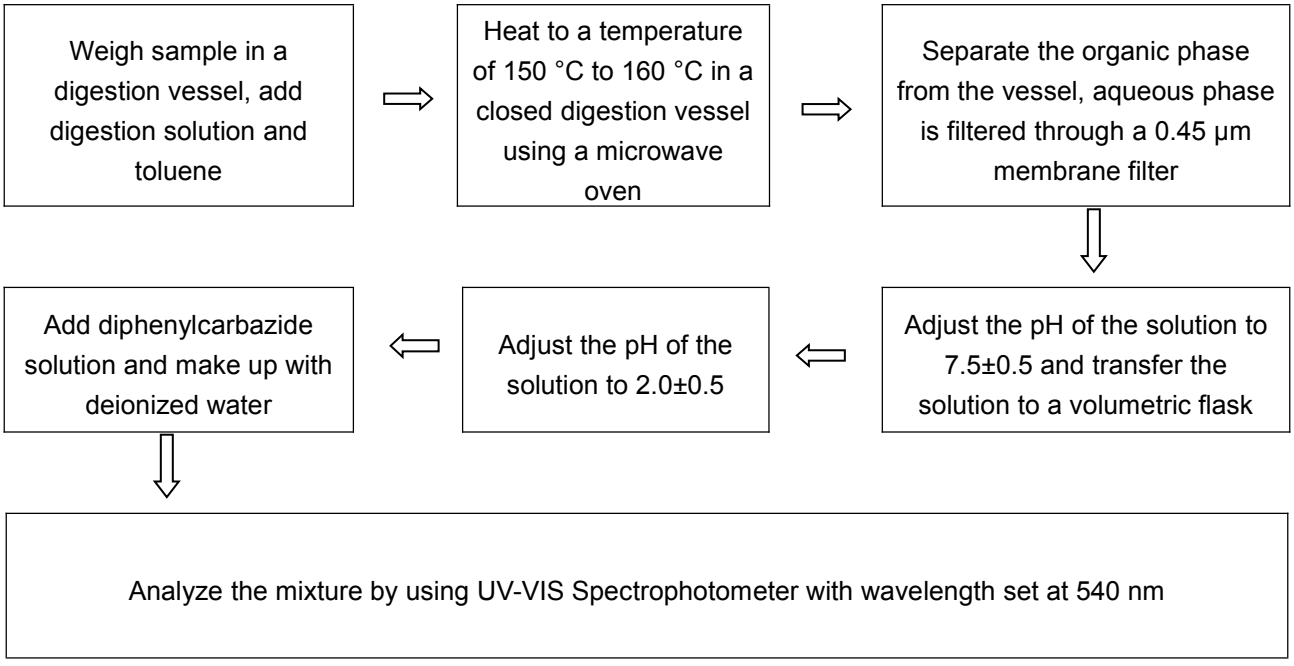


3. Test for Chromium (VI) Content

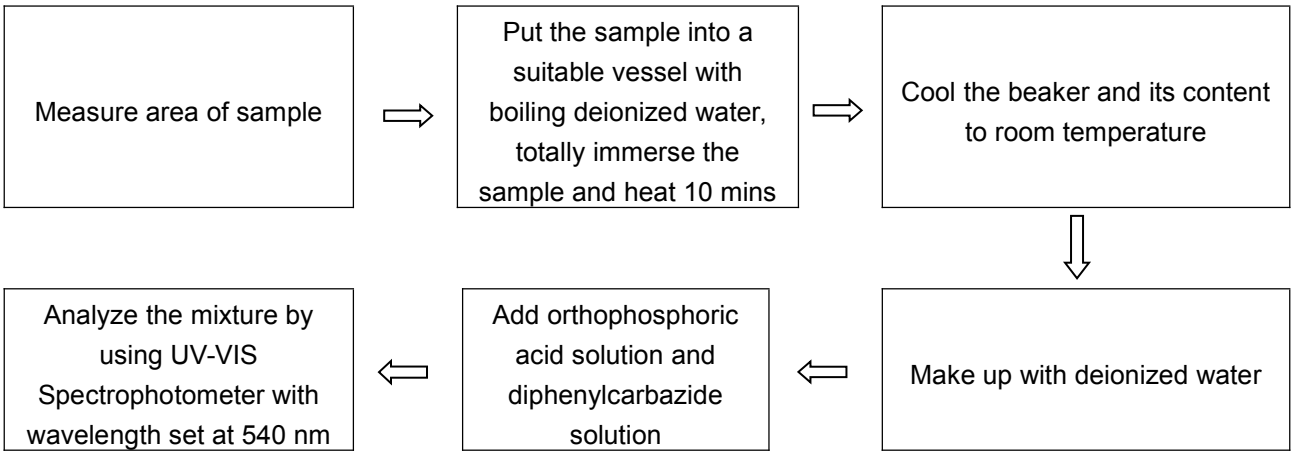
Soluble polymers：



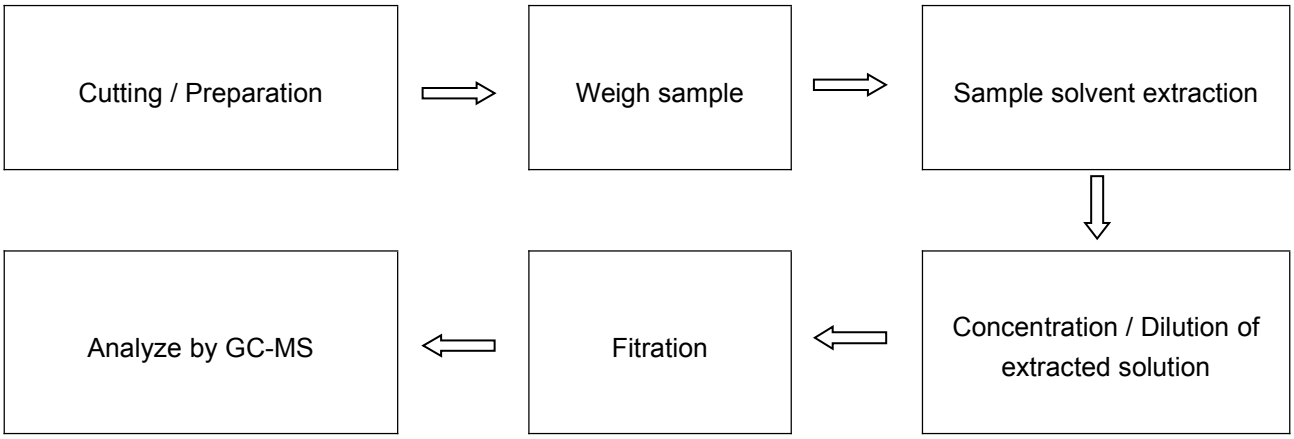
Insoluble/unknown polymers and electronics without Sb



Metal material



4. Test for DBP, BBP, DEHP, DIBP, PBBs, PBDEs Content



Sample Description:

Material No.	Description
1	Black plastic circular cover
2	Black plastic kettle
3	Silver metal circular bottom shell
4	Silver metal circular rod
5	White transparent plastic shell
6	Silver metal circular ring
7	Black plastic circular bottom shell
8	Transparent plastic bracket
9	Silver metal sheet
10	Black plastic bracket
11	White plastic wire cover
12	Copper colored metal connecting buckle
13	Silver metal circular heating ring
14	Black plastic circular heating ring bracket
15	Copper colored metal pins
16	Silver metal screw
17	Black plastic wire cover
18	Blue plastic wire cover
19	Yellow green plastic wire cover
20	Brown plastic wire cover
21	Silver metal buckle
22	Black plastic heat shrink tubing
23	Silver metal charger pins
24	White transparent rubber ring
25	White plastic nylon sleeve
26	White plastic nylon thread leather
27	White LED light

Tested sample photos

-------THE END OF REPORT-------