

# Test Report



Report No. A2260123613101001

Company Name shown on Report YANGZHOU YANGJIE ELECTRONIC TECHNOLOGY CO.,LTD

Address NO.6 HEYE WEST ROAD, HANJIANG DISTRICT, YANGZHOU, JIANGSU PROVINCE

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

Sample Name FRED  
Sample Received Date Feb. 13, 2026  
Testing Period Feb. 13, 2026 to Feb. 27, 2026

Test Requested As specified by client, to test Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs), Hexabromocyclododecane (HBCDD), Tetrabromobisphenol A (TBBP-A), Middle Chain Chlorinated Paraffins (MCCPs), Beryllium(Be), Antimony(Sb), Fluorine (F), Chlorine (Cl), Bromine (Br), Iodine (I), Perfluorooctanoic Acid(PFOA), Perfluorooctane Sulfonates(PFOS), Phthalates in the submitted sample(s).

Test Method Please refer to the following page(s).

Test Result(s) Please refer to the following page(s).

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### Conclusion

Tested Sample	According to standard/directive	Result
Submitted Sample	RoHS Directive 2011/65/EU with amendment (EU) 2015/863	PASS

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PASS means that the results shown on the report comply with the limits set by RoHS Directive 2011/65/EU with amendment (EU) 2015/863.



Approved by

*Chen Kaimin*

Chen kaimin  
Lab Manager

Date

Feb. 27, 2026

No. R295821468

Centre Testing International Pinbiao(Shanghai) Co., Ltd.

No.1351, Wanfang Road, Minhang District, Shanghai, China

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## Test Method

Test Item(s)	Test Method	Measured Equipment(s)
Lead (Pb)	IEC 62321-5:2013	ICP-OES
Cadmium (Cd)	IEC 62321-5:2013	ICP-OES
Mercury (Hg)	IEC 62321-4:2013+AMD1:2017 CSV	ICP-OES
Hexavalent Chromium (Cr(VI))	IEC 62321-7-2:2017 and/or determination of Total Chromium by IEC 62321-5:2013	UV-Vis/ICP-OES
Polybrominated Biphenyls (PBBs)	IEC 62321-12:2023	GC-MS
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-12:2023	GC-MS
Phthalates (DBP, BBP, DEHP, DIBP)	IEC 62321-12:2023	GC-MS
Hexabromocyclododecane (HBCDD)	IEC 62321-9:2021	GC-MS
Tetrabromobisphenol A (TBBP-A)	Refer to US EPA 3550C:2007 & US EPA 8321B:2007*	LC-MS-MS/LC-MS
Middle Chain Chlorinated Paraffins (MCCPs)	Refer to US EPA 3550C:2007 & US EPA 8270E:2018*	GC-MS(NCI) or GC-MS/MS
Beryllium(Be)	Refer to US EPA 3052:1996 & US EPA 6010D:2018*	ICP-OES
Antimony(Sb)	Refer to US EPA 3052:1996 & US EPA 6010D:2018*	ICP-OES
Fluorine (F)	EN 14582:2016	IC
Chlorine (Cl)	EN 14582:2016	IC
Bromine (Br)	EN 14582:2016	IC
Iodine (I)	EN 14582:2016	IC
Perfluorooctanoic Acid(PFOA)	Refer to EN 17681-1:2025*	LC-MS-MS
Perfluorooctane Sulfonates(PFOS)	Refer to EN 17681-1:2025*	LC-MS-MS
Phthalates	Refer to EN 14372:2004(E)*	GC-MS

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**Test Result(s)**

Tested Item(s)	Result	MDL	Limit
	001		
Lead (Pb)	N.D.	2 mg/kg	1000 mg/kg
Cadmium (Cd)	N.D.	2 mg/kg	100 mg/kg
Mercury (Hg)	N.D.	2 mg/kg	1000 mg/kg
Hexavalent Chromium (Cr(VI))	N.D.	8 mg/kg	1000 mg/kg
Tested Item(s)	Result	MDL	Limit
	001		
<b>Polybrominated Biphenyls (PBBs)</b>			
Monobromobiphenyl	N.D.	25 mg/kg	1000 mg/kg
Dibromobiphenyl	N.D.	25 mg/kg	
Tribromobiphenyl	N.D.	25 mg/kg	
Tetrabromobiphenyl	N.D.	25 mg/kg	
Pentabromobiphenyl	N.D.	25 mg/kg	
Hexabromobiphenyl	N.D.	25 mg/kg	
Heptabromobiphenyl	N.D.	25 mg/kg	
Octabromobiphenyl	N.D.	25 mg/kg	
Nonabromobiphenyl	N.D.	25 mg/kg	
Decabromobiphenyl	N.D.	25 mg/kg	
Tested Item(s)	Result	MDL	Limit
	001		
<b>Polybrominated Diphenyl Ethers (PBDEs)</b>			
Monobromodiphenyl ether	N.D.	25 mg/kg	1000 mg/kg
Dibromodiphenyl ether	N.D.	25 mg/kg	
Tribromodiphenyl ether	N.D.	25 mg/kg	
Tetrabromodiphenyl ether	N.D.	25 mg/kg	
Pentabromodiphenyl ether	N.D.	25 mg/kg	
Hexabromodiphenyl ether	N.D.	25 mg/kg	
Heptabromodiphenyl ether	N.D.	25 mg/kg	
Octabromodiphenyl ether	N.D.	25 mg/kg	
Nonabromodiphenyl ether	N.D.	25 mg/kg	
Decabromodiphenyl ether	N.D.	25 mg/kg	

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**Test Result(s)**

Tested Item(s)	Result	MDL	Limit
	001		
<b>Phthalates (DBP, BBP, DEHP, DIBP)</b>			
Dibutyl phthalate (DBP) CAS#:84-74-2	N.D.	50 mg/kg	1000 mg/kg
Butyl benzyl phthalate (BBP) CAS#:85-68-7	N.D.	50 mg/kg	1000 mg/kg
Di-(2-ethylhexyl) phthalate (DEHP) CAS#:117-81-7	N.D.	50 mg/kg	1000 mg/kg
Diisobutyl phthalate (DIBP) CAS#:84-69-5	N.D.	50 mg/kg	1000 mg/kg
Tested Item(s)	Result	MDL	
	001		
Hexabromocyclododecane (HBCDD)	N.D.	20 mg/kg	
Tested Item(s)	Result	MDL	
	001		
Tetrabromobisphenol A (TBBP-A)	N.D.	5 mg/kg	
Tested Item(s)	Result	MDL	
	001		
Middle Chain Chlorinated Paraffins (MCCPs)	N.D.	100 mg/kg	
Tested Item(s)	Result	MDL	
	001		
Beryllium (Be)	N.D.	10 mg/kg	
Antimony (Sb)	N.D.	10 mg/kg	
Tested Item(s)	Result	MDL	
	001		
Fluorine (F)	171 mg/kg	10 mg/kg	
Chlorine (Cl)	N.D.	10 mg/kg	
Bromine (Br)	N.D.	10 mg/kg	
Iodine (I)	N.D.	10 mg/kg	
Tested Item(s)	Result	MDL	
	001		
Perfluorooctanoic Acid (PFOA)	N.D.	0.01 mg/kg	
Tested Item(s)	Result	MDL	
	001		
Perfluorooctane Sulfonates (PFOS)	N.D.	0.01 mg/kg	

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**Test Result(s)**

Tested Item(s)	Result	MDL
	001	
<b>Phthalates</b>		
Di-n-octyl phthalate (DNOP) CAS#:117-84-0	N.D.	50 mg/kg
Di-isononyl phthalate (DINP) CAS#:28553-12-0, 68515-48-0	N.D.	50 mg/kg
Di-iso-decyl phthalate (DIDP) CAS#:26761-40-0, 68515-49-1	N.D.	50 mg/kg
Dipentyl phthalate (DPP/DPENP) CAS#:131-18-0	N.D.	50 mg/kg

**Sample/Part Description**

No.	CTI Sample ID	Description
1	001	Chip

**Remark: The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury, Beryllium, Antimony.**

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- 1000 mg/kg = 0.1%

**Note: “\*” indicates the method(s) is (are) not in CNAS accreditation scope.**

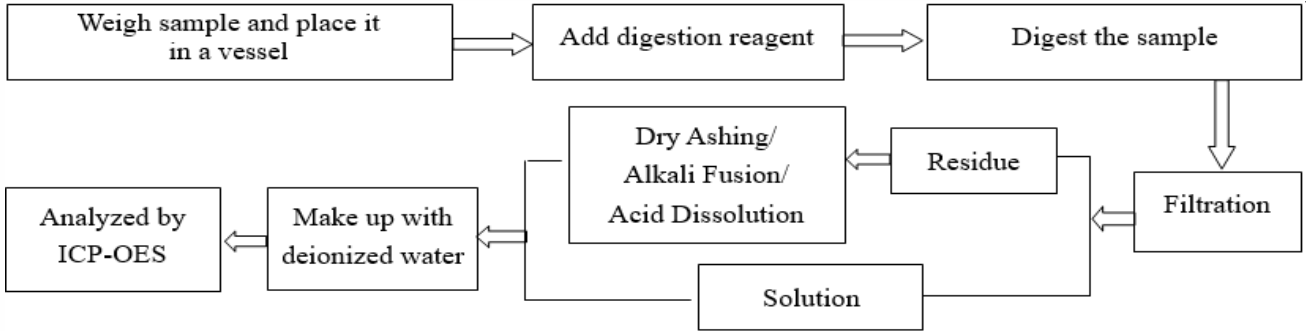
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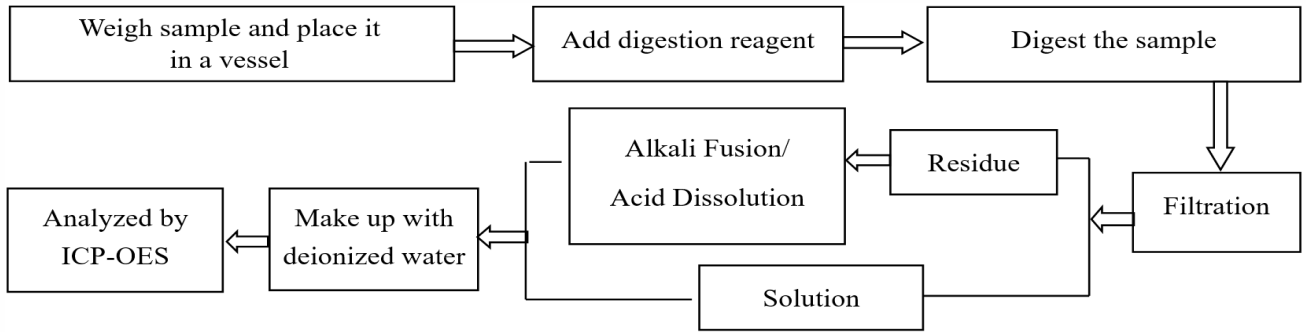
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**Test Process**

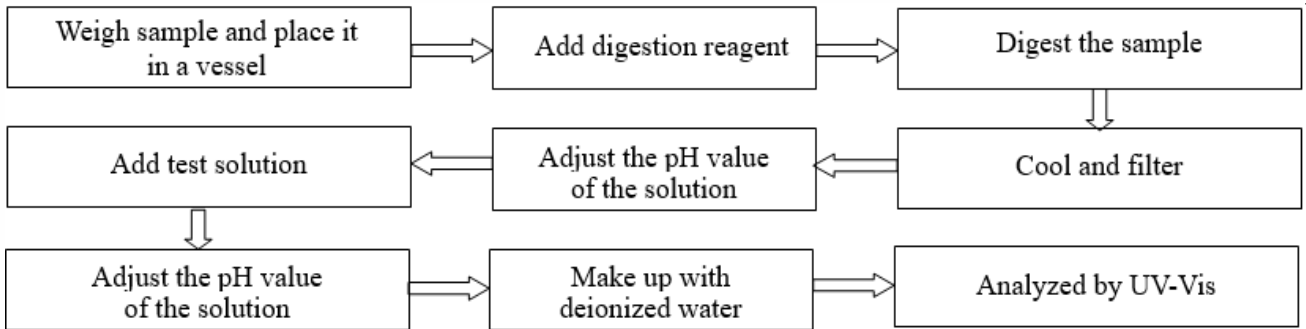
**1. Lead (Pb), Cadmium (Cd), Chromium (Cr)**



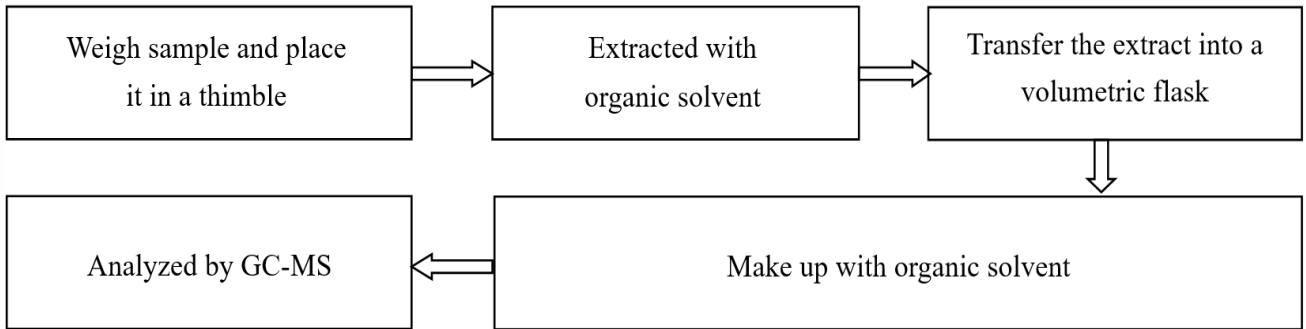
**2. Mercury (Hg)**



**3. Hexavalent Chromium (Cr(VI))**



**4. Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs)**

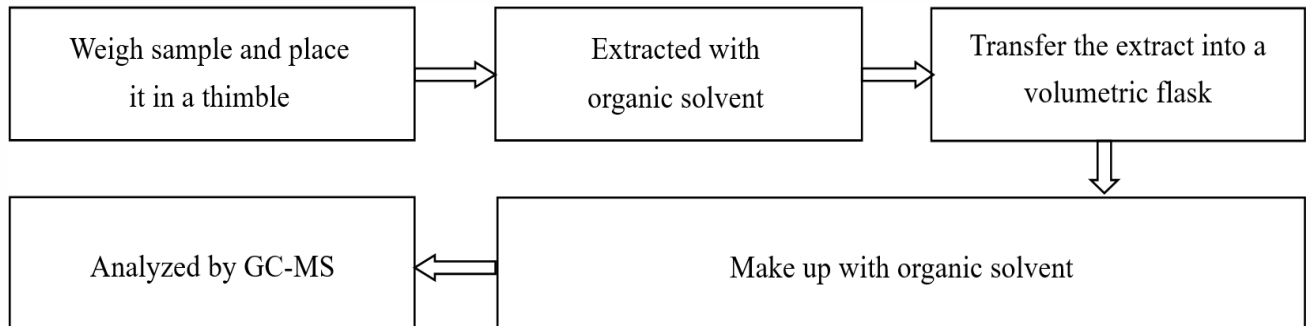


# Test Report

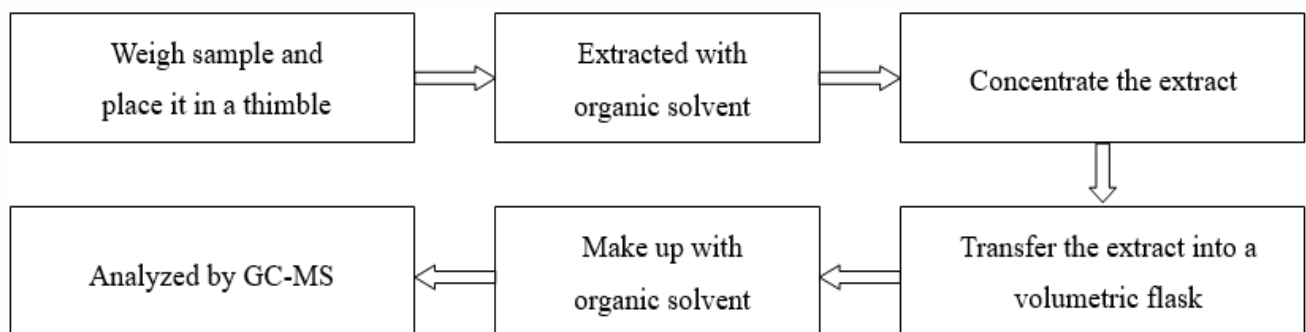
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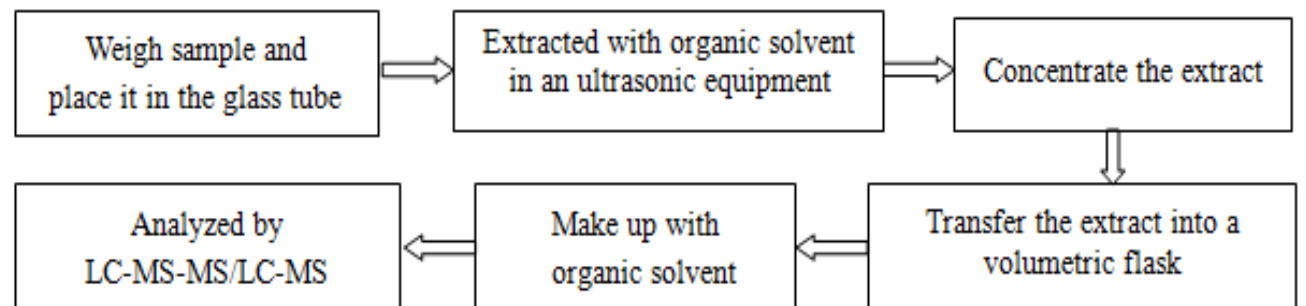
## 5. Phthalates (DBP, BBP, DEHP, DIBP)



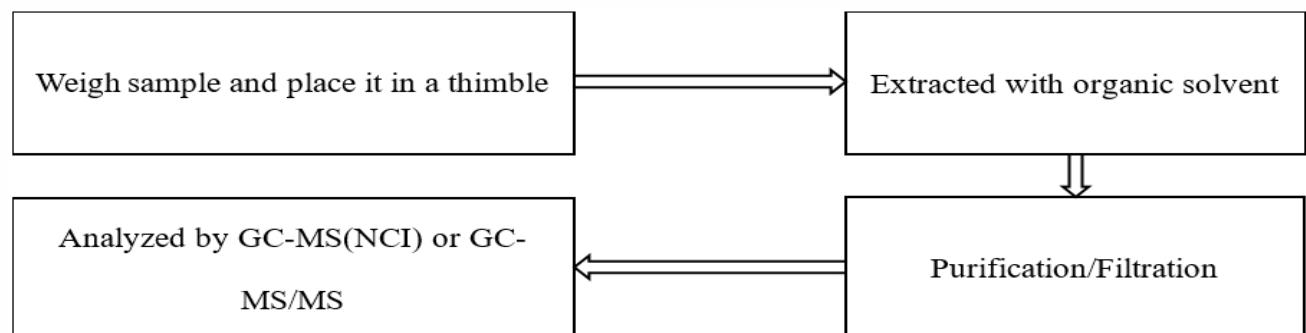
## 6. Hexabromocyclododecane (HBCDD)



## 7. Tetrabromobisphenol A (TBBP-A)



## 8. Middle Chain Chlorinated Paraffins (MCCPs)

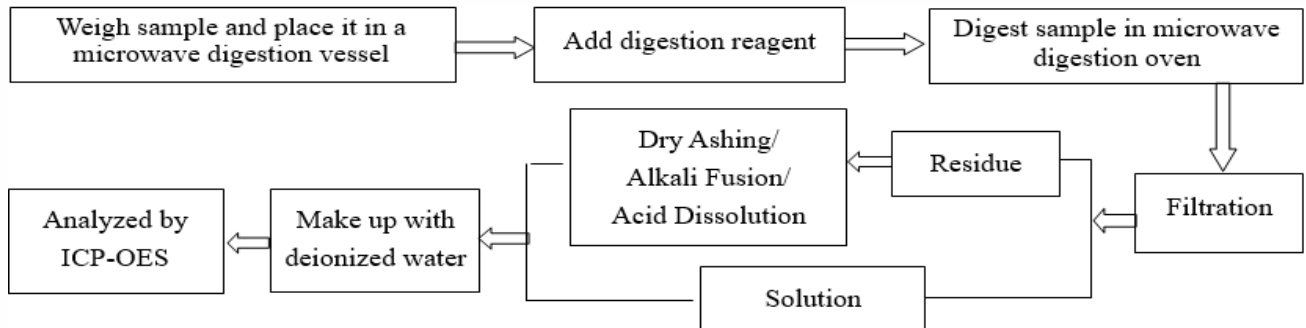


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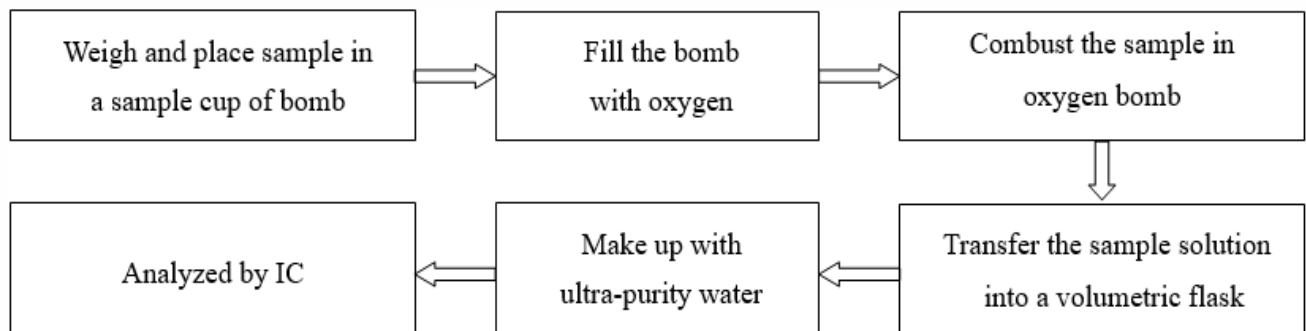
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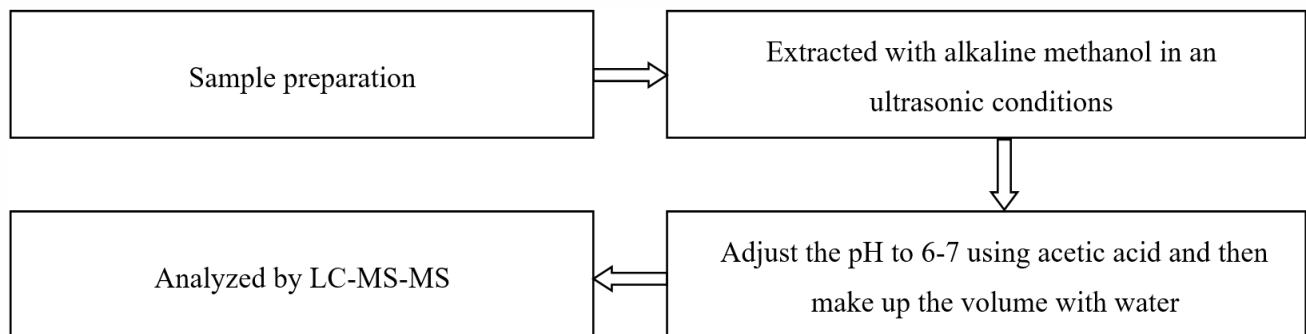
## 9. Beryllium(Be), Antimony(Sb)



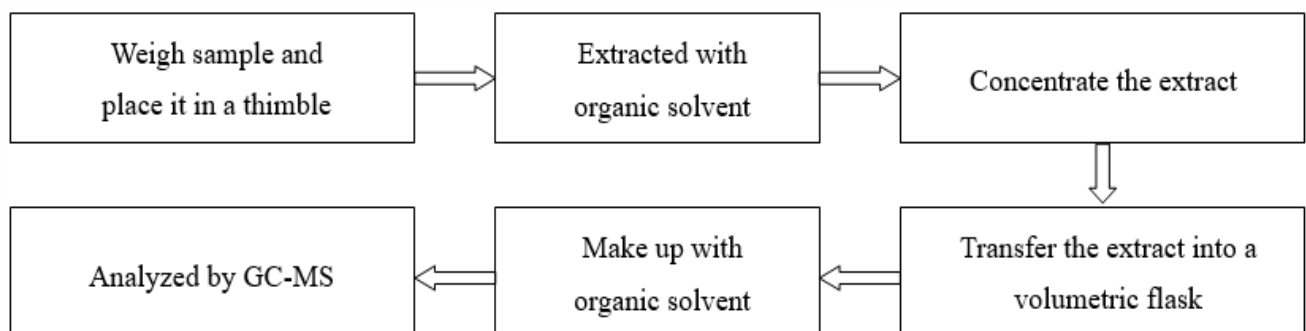
## 10. Fluorine (F), Chlorine (Cl), Bromine (Br), Iodine (I)



## 11. Perfluorooctanoic Acid(PFOA), Perfluorooctane Sulfonates(PFOS)



## 12. Phthalates

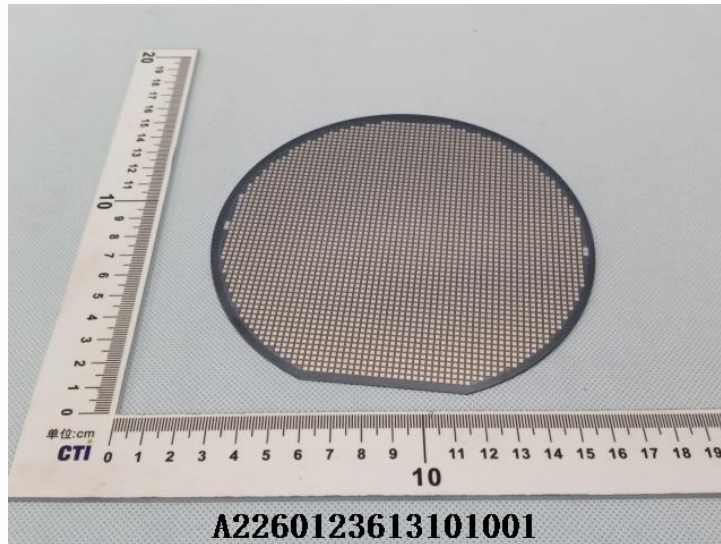


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## Photo(s) of the sample(s)



### Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019 / CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full;
6. In case of any discrepancy between the English version and Chinese version of the reports (if generated), the Chinese version shall prevail.

\*\*\* End of report \*\*\*