

## Test Report



Report No. A225014169610100101

**Company Name shown on Report** SOLDERWELL ADVANCED MATERIALS CO., LTD. /SOLDERWELL MICROELECTRONIC PACKAGING MATERIALS CO., LTD  
**Address** #58 NANYUN 2ND ROAD, SCIENCE CITY, HIGH&NEW TECHNOLOGY INDUSTRIAL DEVELOPMENT ZONE, GUANGZHOU

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

Sample Name Pure Copper Anode  
Sample Received Date Mar. 11, 2025  
Testing Period Mar. 11, 2025 to Mar. 14, 2025

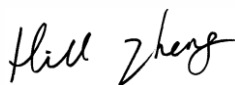
**Test Requested** As specified by client, to test Arsenic(As), Beryllium(Be), Antimony(Sb), Hexabromocyclododecane (HBCDD), Polyvinyl Chloride (PVC), Organotin compounds in the submitted sample(s).

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

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



Approved by



Date

Mar. 14, 2025

Hill Zheng

Technical Manager

No. R177734085

Centre Testing International Group Co.,Ltd.

CTI Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

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## Test Method

Test Item(s)	Test Method	Measured Equipment(s)
Arsenic(As)	Refer to US EPA 3050B:1996 & US EPA 6010D:2018	ICP-OES
Beryllium(Be)	Refer to US EPA 3050B:1996 & US EPA 6010D:2018	ICP-OES
Antimony(Sb)	Refer to US EPA 3050B:1996 & US EPA 6010D:2018	ICP-OES
Hexabromocyclododecane (HBCDD)*	IEC 62321-9:2021	GC-MS
Polyvinyl Chloride (PVC)*	Refer to JY/T 001-1996	FT-IR
Organotin compounds*	Refer to ISO 17353:2004(E)	GC-MS

## Test Result(s)

Tested Item(s)	Result	MDL
	001	
Arsenic (As)	N.D.	10 mg/kg
Beryllium (Be)	N.D.	2 mg/kg
Antimony (Sb)	N.D.	5 mg/kg
Tested Item(s)	Result	MDL
	001	
Hexabromocyclododecane (HBCDD)*	N.D.	20 mg/kg
Tested Item(s)	Result	MDL
	001	
Polyvinyl Chloride (PVC)*	Negative	/
Tested Item(s)	Result	MDL
	001	
<b>Organotin compounds*</b>		
Monobutyltin (MBT)	N.D.	0.05 mg/kg
Dibutyltin (DBT)	N.D.	0.05 mg/kg
Tributyltin (TBT)	N.D.	0.05 mg/kg
Tetrabutyltin (TeBT)	N.D.	0.05 mg/kg
Monooctyltin (MOT)	N.D.	0.05 mg/kg
Diocetyl tin (DOT)	N.D.	0.05 mg/kg
Triphenyltin (TPhT)	N.D.	0.05 mg/kg
Tricyclohexyltin (TCyT)	N.D.	0.05 mg/kg

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**Sample/Part Description**

No.	CTI Sample ID	Description
1	001	Cupreous metal

**Remark**      **The sample(s) had been dissolved totally tested for Arsenic, Beryllium, Antimony.**

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million

-Negative = Not contained Polyvinyl Chloride(PVC)

-The test result(s) is(are) presented in reference to the result(s) that reported in A2250141696101001.

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



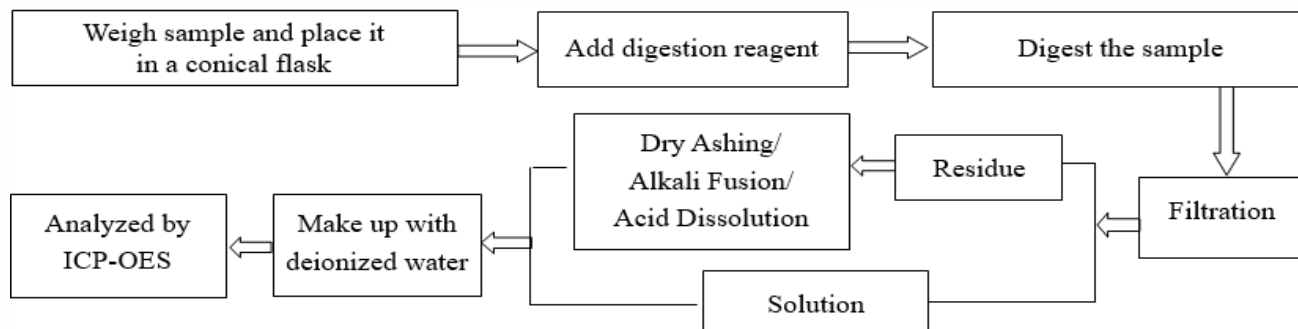
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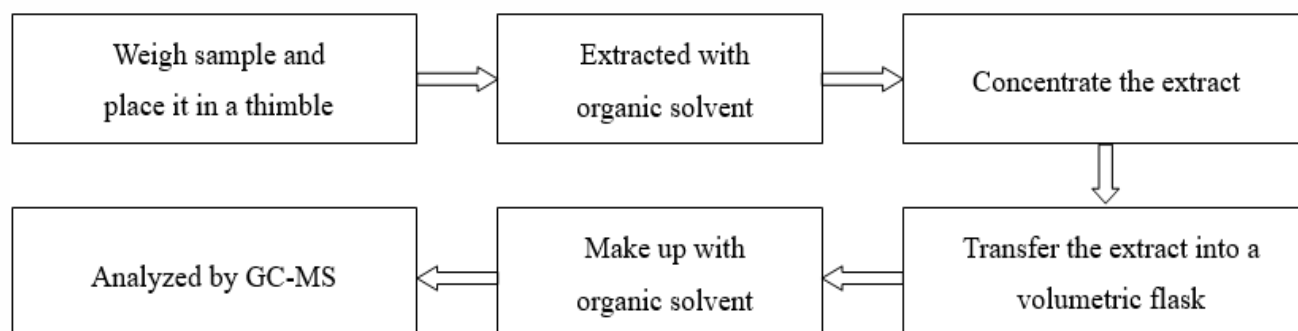
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## Test Process

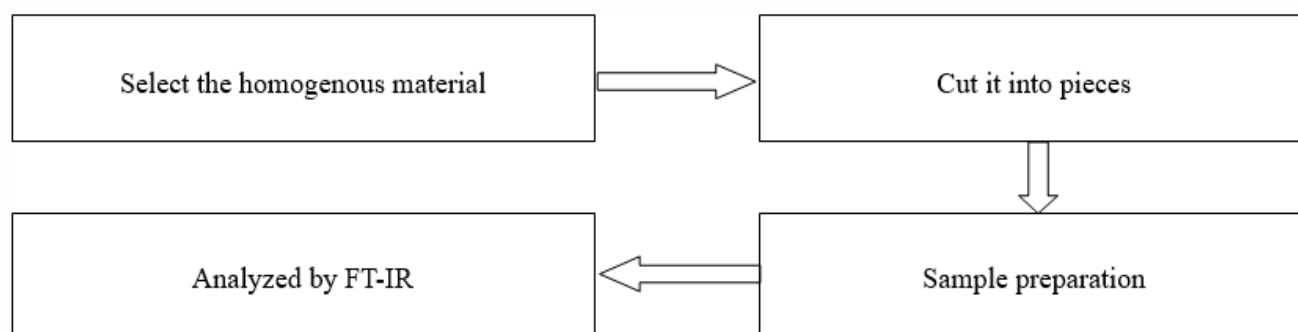
### 1. Arsenic(As), Beryllium(Be), Antimony(Sb)



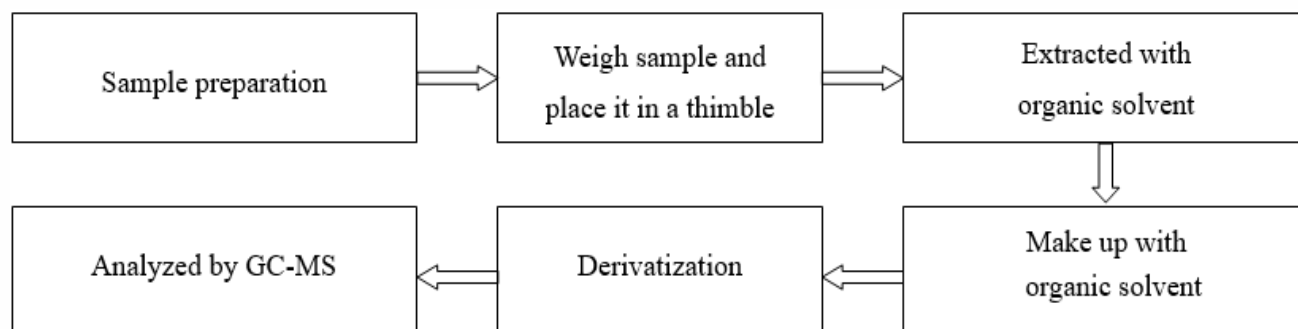
### 2. Hexabromocyclododecane (HBCDD)



### 3. Polyvinyl Chloride (PVC)



### 4. Organotin compounds



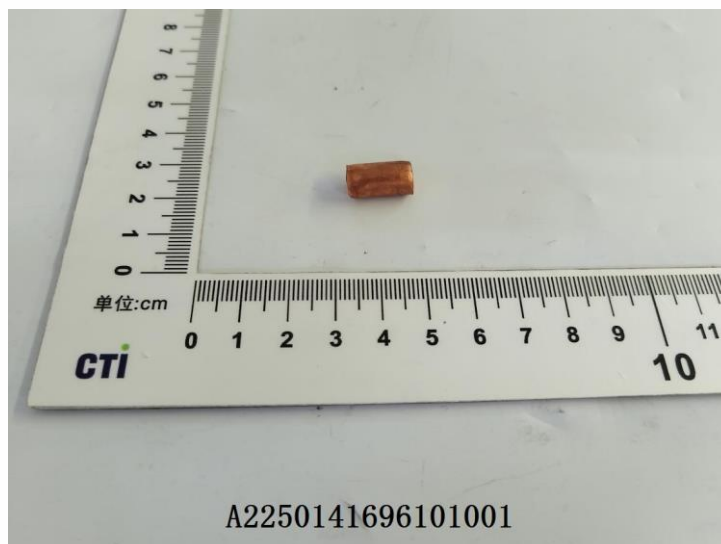
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## Photo(s) of the sample(s)



### 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 testing reports (if generated), the Chinese version shall prevail.

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

CTI 华测检测