

# TEST REPORT

NO.: A001R230722075001-2

Date: Jul 25, 2023

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**Applicant:** SHENZHEN EASTRISING TECHNOLOGY CO.,LTD

**Address:** Room 6G,Floor 6,Building A1,Zhujiang Square,Zhongxin Cheng,Longgang District,Shenzhen,China.

**Report on the submitted sample said to be**
**Sample name:** TOUCH Screen

**Model:** /

**Item/Lot No.:** /

**Material:** /

**Buyer:** /

**Supplier:** /

**Manufacturer:** /

**Sample received date:** Jul 22, 2023

**Testing period:** From Jul 22, 2023 to Jul 25, 2023

**Test Requested:**

 As specified by client, to determine the Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr<sup>6+</sup>), Polybrominated Biphenyls(PBBs) & Polybrominated Diphenyl Ethers(PBDEs) content in the submitted sample.

**Test Method:**

(1) With reference to IEC 62321:2008 Ed 1.0 Electrotechnical products - Determination of levels of six regulated substances

(2) With reference to IEC 62321:2013 Ed 1.0 Determination of certain substances in electrotechnical products

Test Item	Pretreatment Method	Measuring Instrument	MDL
Lead	IEC 62321-5:2013 Ed 1.0 Section 7.3	ICP-OES	2 mg/kg
Cadmium	IEC 62321-5:2013 Ed 1.0 Section 7.3	ICP-OES	2 mg/kg
Mercury	IEC 62321-4:2013 Ed 1.0 Section 7.2	ICP-OES	2 mg/kg
Hexavalent Chromium	IEC 62321:2008 Ed 1.0 Annex C	UV-VIS	2 mg/kg
Polybrominated Biphenyls/ Polybrominated Diphenyl Ethers	IEC 62321:2008 Ed 1.0 Annex A	GC-MS	5 mg/kg

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

 Signed for AOV on behalf of  
 Shenzhen AOV Testing Technology Co., Ltd

 Tested by: Leif  
 Li Xian Yong, Leif  
 Project Leader

 Reviewed by: Rosary  
 Luo Jun, Rosary  
 Vice Technical Supervisor

 Approved by: Lewis  
 Liu Lin Wen, Lewis  
 Technical Supervisor

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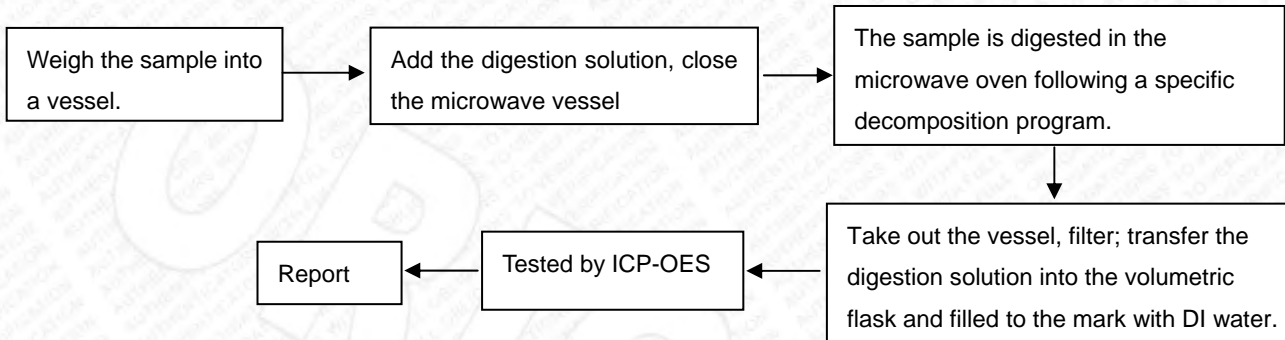
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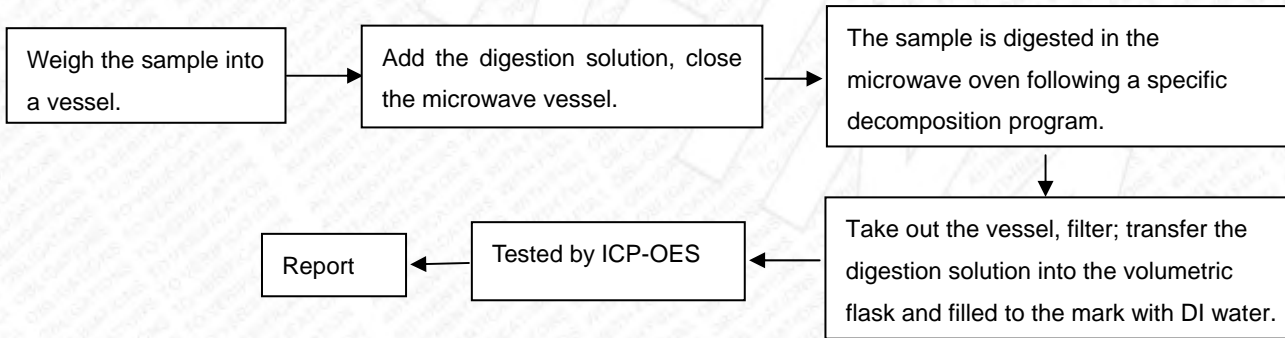
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**Test Flow:**

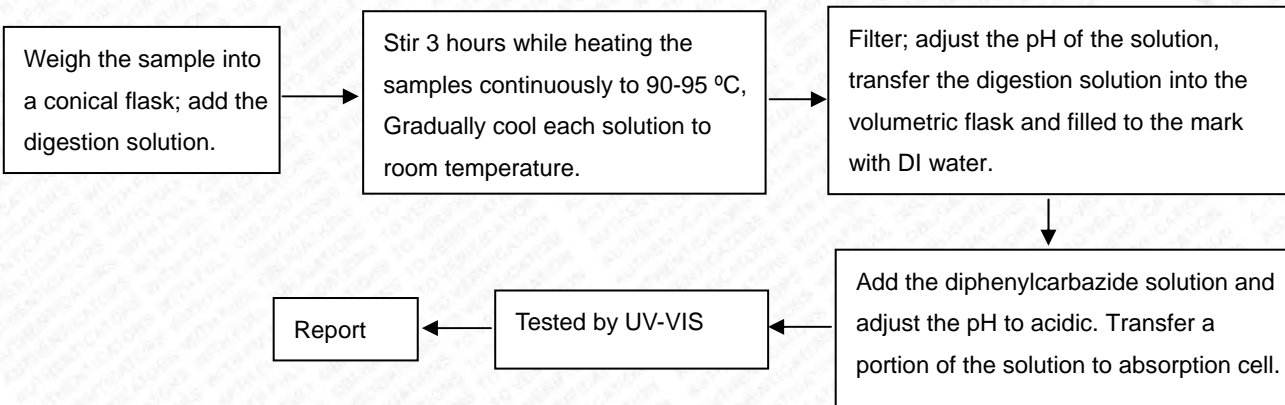
1. To Determine Lead, Cadmium Content:



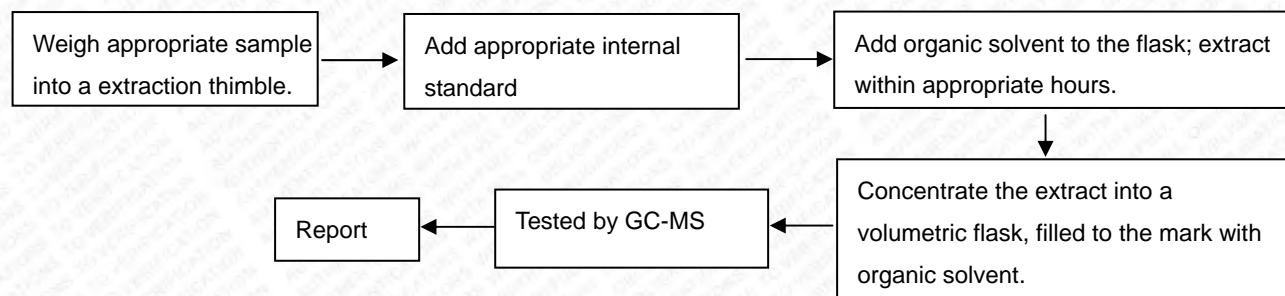
2. To Determine Mercury Content:



3. To Determine Hexavalent Chromium Content (for Electronics):



4. To Determine Polybrominated Biphenyls/Polybrominated Diphenyl Ethers Content:



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**Test Results:**

Item	Unit	Result
		A#
Lead	mg/kg	N.D.
Cadmium	mg/kg	N.D.
Mercury	mg/kg	N.D.
Hexavalent Chromium	mg/kg	N.D.

Item	Unit	Result
		A#
PBBs	mg/kg	N.D.
MonoBB	mg/kg	N.D.
DiBB	mg/kg	N.D.
TriBB	mg/kg	N.D.
TetraBB	mg/kg	N.D.
PentaBB	mg/kg	N.D.
HexaBB	mg/kg	N.D.
HeptaBB	mg/kg	N.D.
OctaBB	mg/kg	N.D.
NonaBB	mg/kg	N.D.
DecaBB	mg/kg	N.D.
PBDEs	mg/kg	N.D.
MonoBDE	mg/kg	N.D.
DiBDE	mg/kg	N.D.
TriBDE	mg/kg	N.D.
TetraBDE	mg/kg	N.D.
PentaBDE	mg/kg	N.D.
HexaBDE	mg/kg	N.D.
HeptaBDE	mg/kg	N.D.
OctaBDE	mg/kg	N.D.
NonaBDE	mg/kg	N.D.
DecaBDE	mg/kg	N.D.

**Specimen Description:**

A#: TOUCH Screen mixed

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**Note:**

- mg/kg=ppm
- N.D.=not detected(<MDL)
- MDL=Method Detection Limit
- #According to the applicant's request, the admixture of specimen A is tested as a whole. The testing results of specimen A may be different from that of any sole material in specimen A.
- Photo is included

**Photograph of Sample**

TOUCH Screen

\*\*\*End of Report\*\*\*