



中国认可
国际互认
检测
TESTING
CNAS L11379

TEST REPORT

Company Name Seeed Technology Co.,Ltd.
Shown on Report:
Address: 9F,Building G3,TCL International E city,Shuguang Community,Xili
street,Nanshan,Shenzhen

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Name: reComputer Mini J5012 with GMSL Extension
Sample Model: M-J5012-G
Series Model: M-J5011-G\ M-J5012\M-J5011
Sample Received Date: Jun.16, 2026
Test Period: Jun.16, 2026 - Jul.13, 2026
Date of Issue: Jul.24, 2026

ISSUED BY:
Guangdong Ti Cobo Testing Co., Ltd.



Editor:

Mia

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Cd lan

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Sam Xie

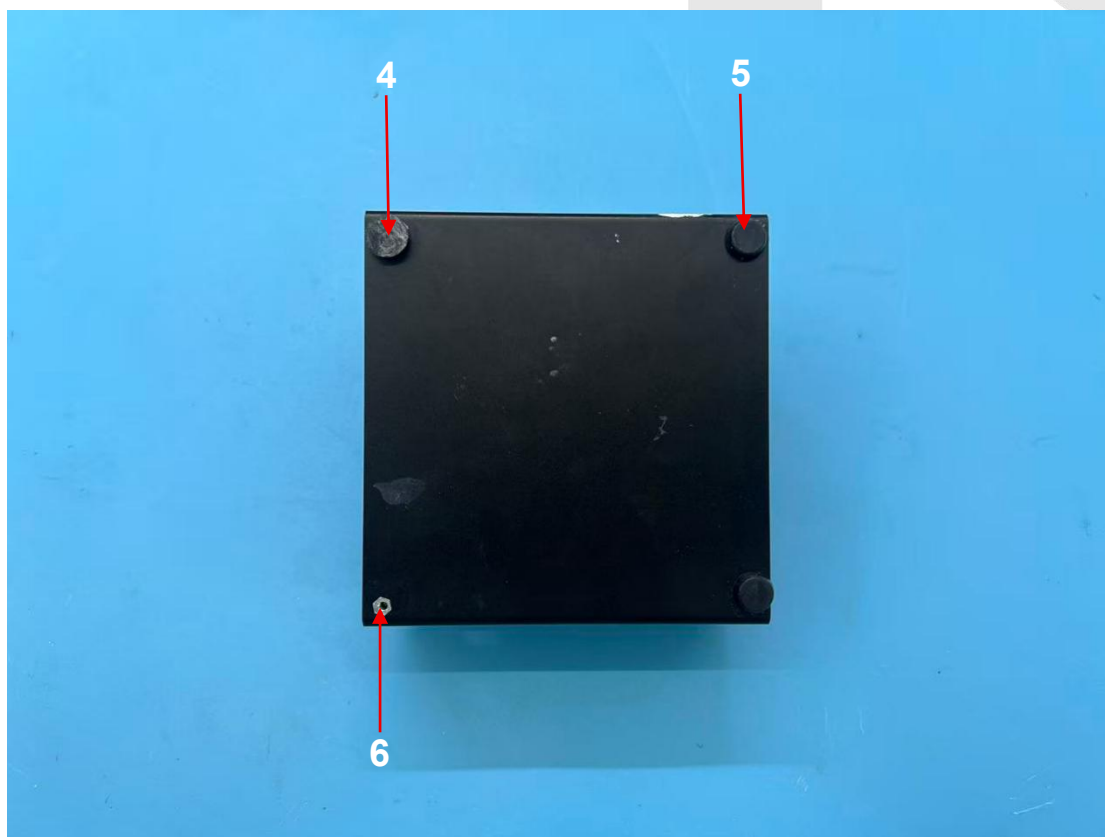
1. Test Requested and Test Conclusion:

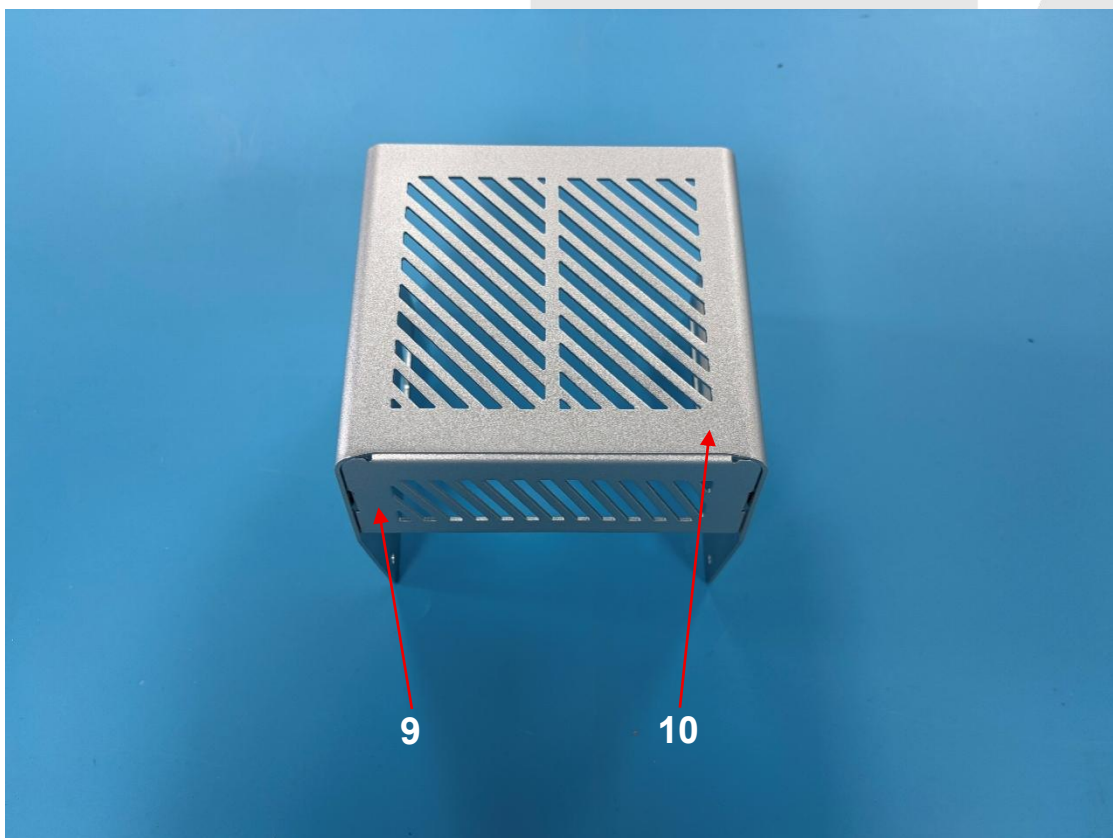
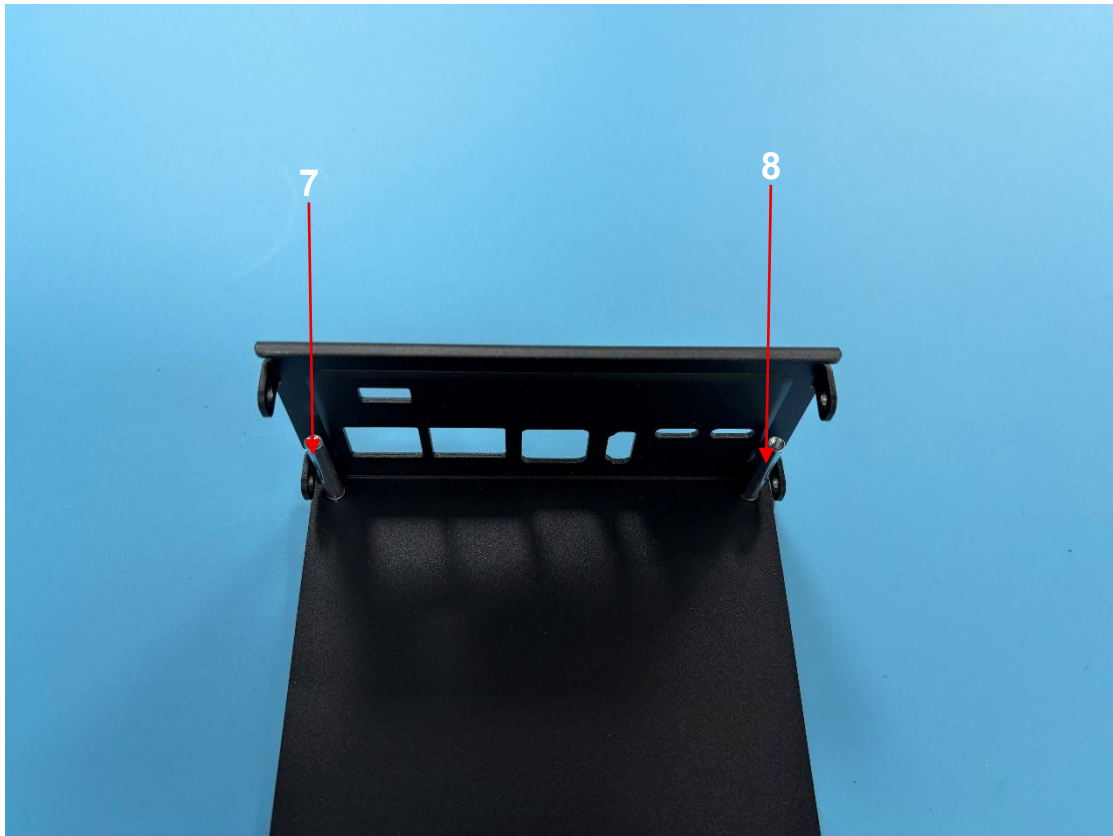
Based on the performed tests on submitted sample(s).

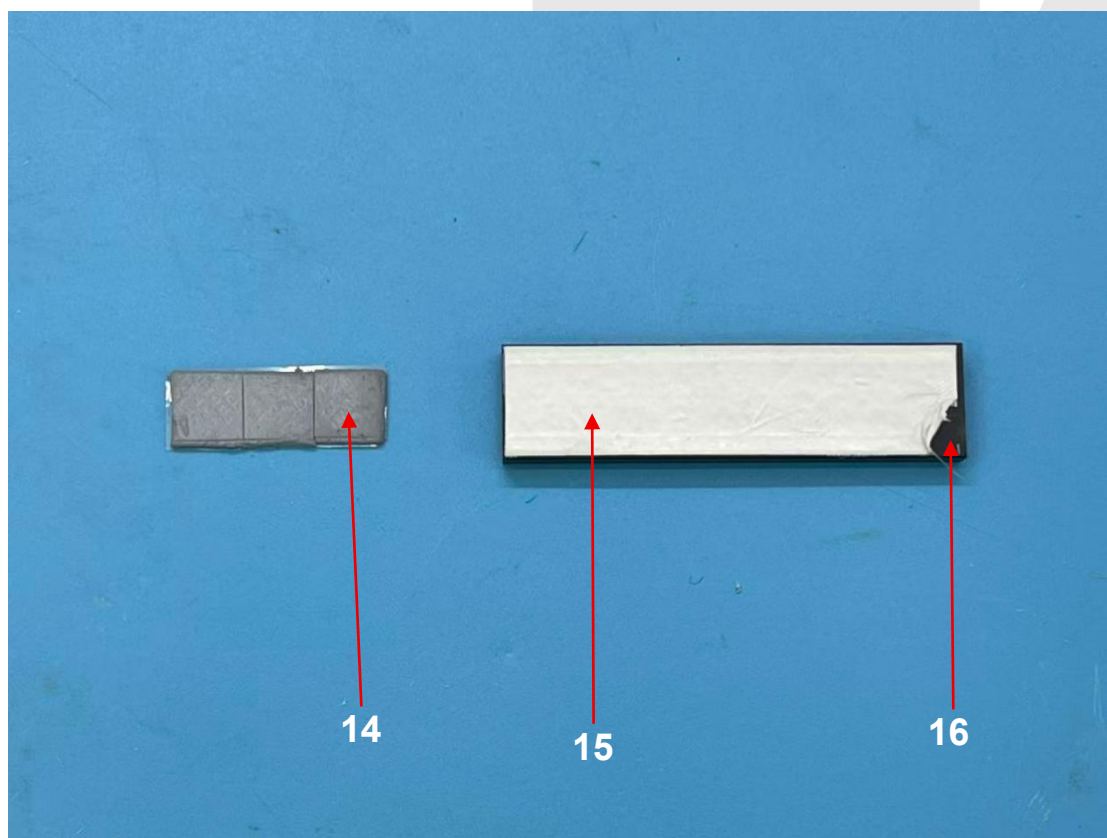
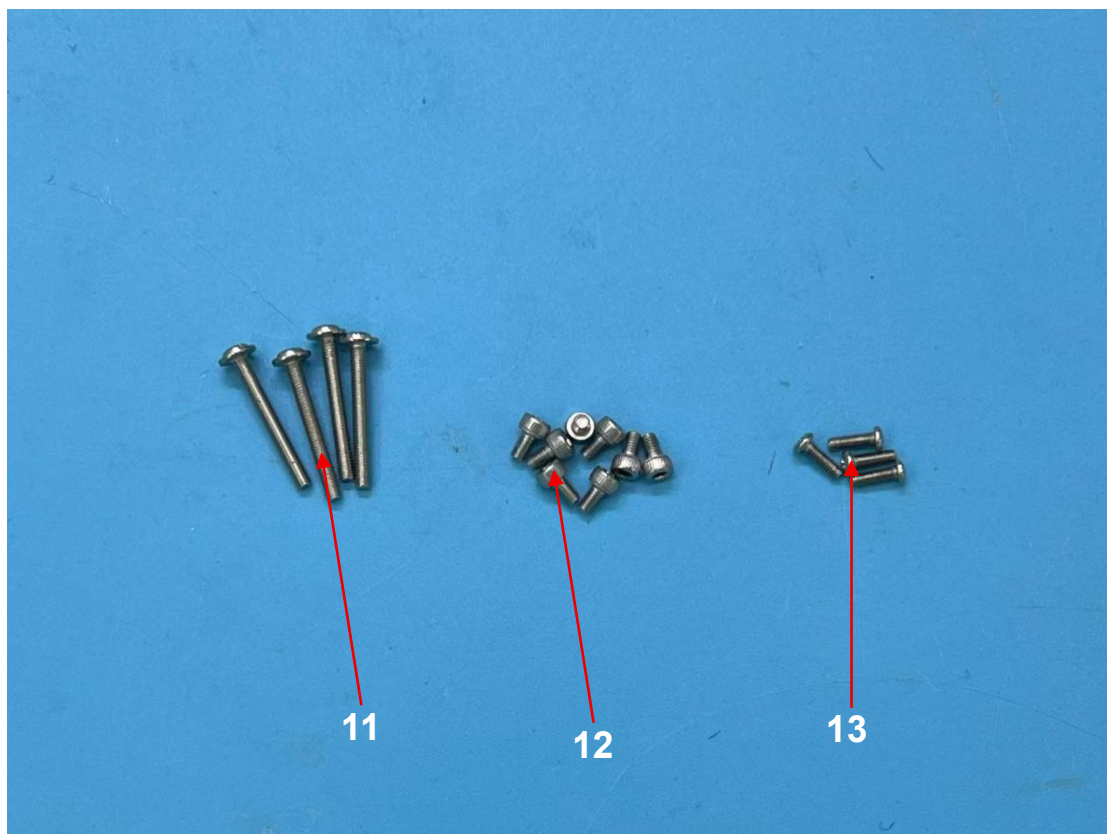
Test items	Conclusion
RoHS Directive 2011/65/EU Revised instructions (EU) 2015/863 of the European parliament and of the council on the restriction of the use of certain hazardous substances in electrical and electronic equipment	
– Lead (Pb)/ Cadmium(Cd)/ Mercury(Hg)/ Hexavalent Chromium(Cr ⁶⁺) content.	PASS
– Polybrominated biphenyls (PBBs) & Polybrominated diphenyl ethers (PBDEs) content.	PASS
– Di-(2-ethylhexyl) phthalate (DEHP), Dibutyl phthalate (DBP), Butyl benzyl phthalate (BBP), Diisobutyl phthalate (DIBP) content	PASS



Sample photo list--A







2. Sample description

Sample No.	Description
A1	Black/white coating
A2	Silvery metal
A3	Transparent plastic backing with white/green coating
A4	Double faced adhesive tape
A5	Black soft plastic
A6	Silvery metal
A7	Silvery metal
A8	Silvery metal
A9	Silvery metal
A10	Silvery metal
A11	Silvery metal
A12	Silvery metal
A13	Silvery metal
A14	Gray cooling mud
A15	White double sided adhesive tape
A16	Black coating silvery metal



3. Test Result(s)

3.1 Screening Test

Test Method: With reference to IEC 62321-3-1:2013, Screening –Lead (Pb)/ Cadmium(Cd)/ Mercury(Hg)/ Total Chromium(Cr)/ Total Bromine by X-ray fluorescence spectrometry.

Test Item	Total Chromium (Cr)	Cadmium (Cd)	Total Bromine (Br)	Mercury (Hg)	Lead (Pb)
Screening Limit	500mg/kg	70mg/kg	250mg/kg	500mg/kg	500mg/kg
Material No.	XRF Result				
A1	BL	BL	BL	BL	BL
A2	BL	BL	NA	BL	BL
A3	BL	BL	BL	BL	BL
A4	BL	BL	BL	BL	BL
A5	BL	BL	BL	BL	BL
A6	1076 ^a	BL	NA	BL	BL
A7	2301 ^a	BL	NA	BL	BL
A8	3355 ^a	BL	NA	BL	BL
A9	1632 ^a	BL	NA	BL	BL
A10	1686 ^a	BL	NA	BL	BL
A11	908 ^a	BL	NA	BL	BL
A12	118881 ^a	BL	NA	BL	BL
A13	BL	BL	NA	BL	BL
A14	BL	BL	BL	BL	BL
A15	BL	BL	BL	BL	BL
A16	BL	BL	NA	BL	BL

Note:

1. mg/kg = milligram per kilogram.
2. "BL" = Below Screening Limit.
3. "NA" = Not Applicable.
4. "Inc" = Inconclusive.
5. The XRF results show the total Br content, while the restricted substance is PBBS/PBDES; the XRF results show the total Cr content, while the restricted substance is hexavalent chromium [Cr(VI)].
6. "a" denotes further confirmation test was conducted, results are listed in sections 3.2.

3.2 Heavy Metal Content

Test Method:

Lead (Pb)/Cadmium(Cd): IEC 62321-5:2013, analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Mercury(Hg): IEC 62321-4:2013+AMD1:2017, analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Hexavalent Chromium(Cr^{6+}): metal: IEC 62321-7-1:2015, nonmetal: IEC 62321-7-2:2017, analysis was performed by Ultraviolet-visible spectroscopy (UV-Vis).

Test Item	Hexavalent Chromium (Cr^{6+})	Hexavalent Chromium (Cr^{6+})	Cadmium (Cd)	Mercury (Hg)	Lead (Pb)
Limit	1000 mg/kg	Negative	100 mg/kg	1000 mg/kg	1000 mg/kg
Material No.	Result				
A6	NA	Negative	--	--	--
A7	NA	Negative	--	--	--
A8	NA	Negative	--	--	--
A9	NA	Negative	--	--	--
A10	NA	Negative	--	--	--
A11	NA	Negative	--	--	--
A12	NA	Negative	--	--	--

- Note:
1. LOQ=Limit of Quantitation: Pb, Cd, Hg: 10mg/kg; Cr^{6+} : nonmetal -10mg/kg, metal- Negative(<0.1 $\mu\text{g}/\text{cm}^2$).
 2. mg/kg = milligram per kilogram, $\mu\text{g}/\text{cm}^2$ = micrograms per square centimeter.
 3. N.D. = Not Detected (< LOQ).
 4. NA = Not Applicable.
 5. Negative = Surface of metal sample absence of Cr^{6+} , Positive = Surface of metal sample presence of Cr^{6+} .
 6. "--" denotes tested by XRF, result is listed in 3.1.

3.3 Phthalates Content

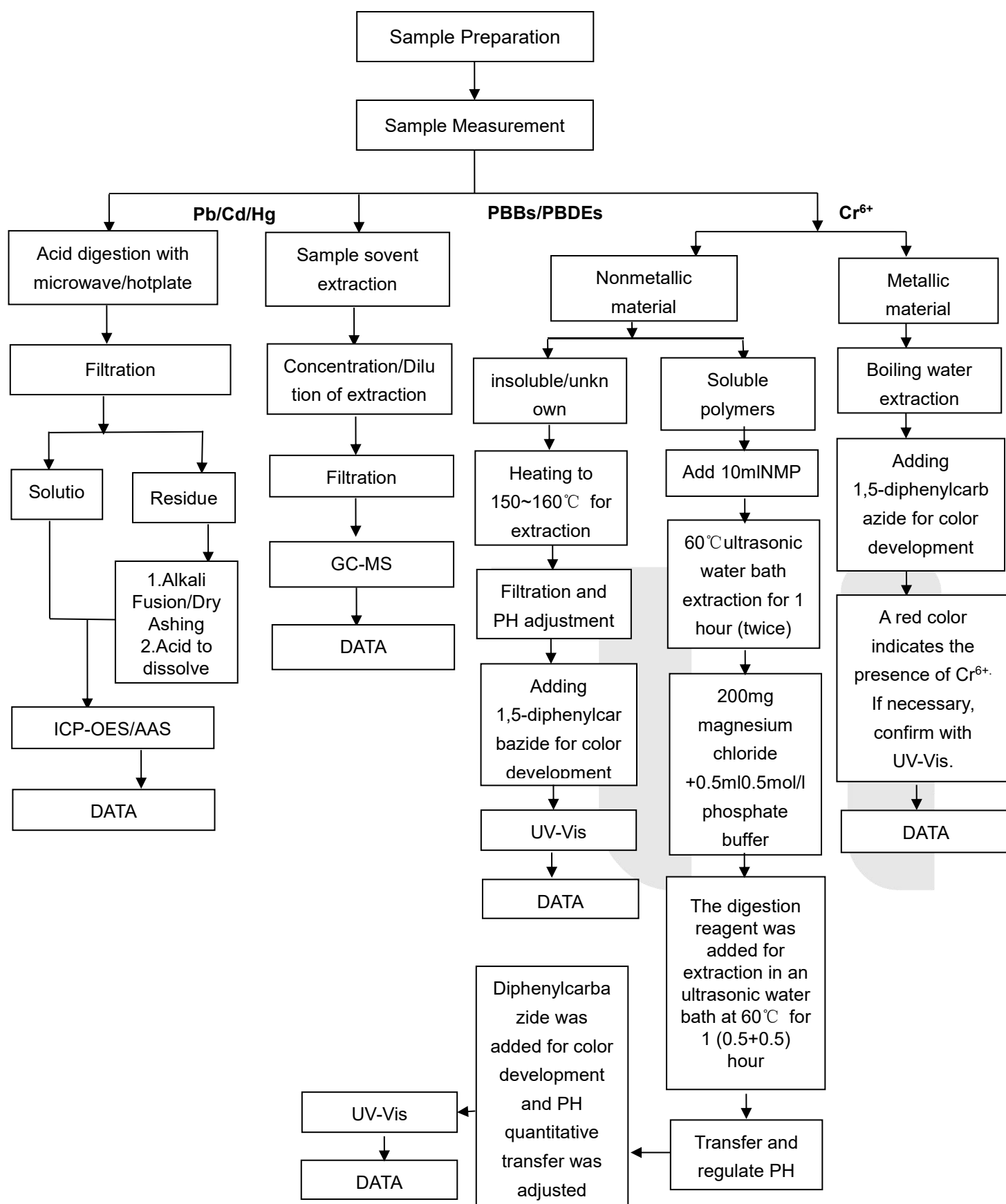
Test Method: IEC 62321-8:2017, analysis was performed by Gas Chromatograph-Mass Spectrometer (GC-MS).

Test Item	Di-(2-ethylhexyl) phthalate (DEHP)	Dibutyl phthalate (DBP)	Butyl benzyl phthalate (BBP)	Diisobutyl phthalate (DIBP)
CAS No.	117-81-7	84-74-2	85-68-7	84-69-5
Limit	1000 mg/kg	1000 mg/kg	1000 mg/kg	1000 mg/kg
Material No.	Result (mg/kg)			
A4+A5+A15	N.D.	N.D.	N.D.	N.D.
A1+A3+A14	N.D.	N.D.	N.D.	N.D.

- Note:
1. mg/kg = milligram per kilogram
 2. Limit of Quantitation = 50mg/kg
 3. N.D. = Not Detected (< LOQ)



RoHS Testing Flow Chart



Phthalates Testing Flow Chart

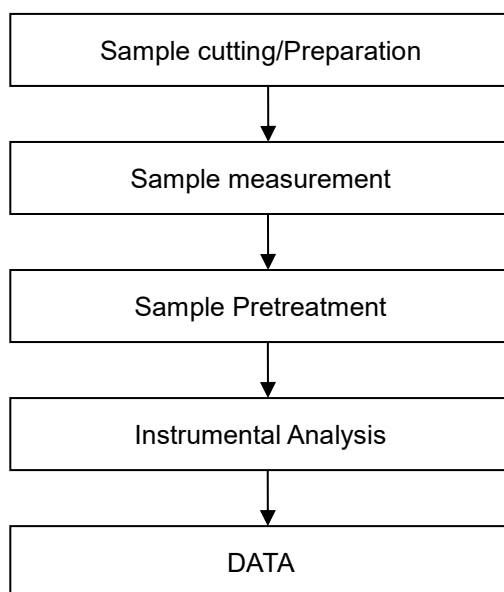
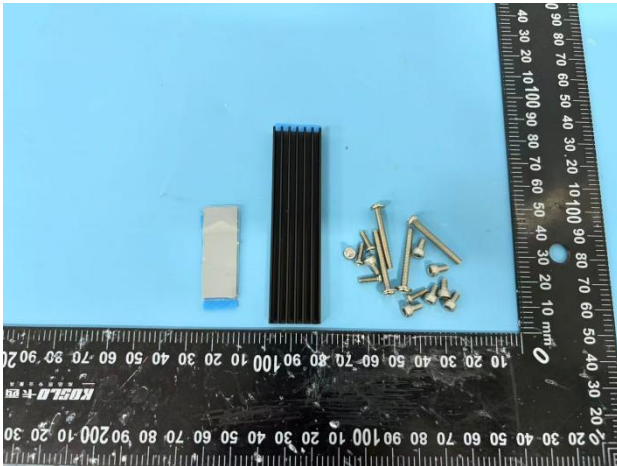


Photo of Sample



Remark: The test component < A7 > was provided by client for retest on dated Jul.09, 2026.

Statement

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End of Report

