



TEST REPORT

Report No.: AZT251027122C-E0

Date of issue: November 05, 2025

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Applicant : KST MEIZHOU COMPANY LIMITED
Address : Building B, Jinhang Science and Technology Park, No. 3 Luole East Road, Meizhou Economic Development Zone, Meijiang District, Meizhou, Guangdong
Manufacturer : KST MEIZHOU COMPANY LIMITED
Address : Building B, Jinhang Science and Technology Park, No. 3 Luole East Road, Meizhou Economic Development Zone, Meijiang District, Meizhou, Guangdong

Report on the submitted samples said to be:

Sample Name : TOOL CARD
Trade Mark : 
Tested model : TOOL#5
Series models : TOOL#1, TOOL#2, TOOL#3, TOOL#4
Date of Sample Received : October 27, 2025
Testing Period : October 27, 2025 ~ November 05, 2025
Results : Please refer to next page(s).

TEST REQUEST

According to the customer's request, based on the performed tests on submitted sample, the result of Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs, PBDEs, Dibutyl Phthalate (DBP), Benzyl butyl Phthalate (BBP), Bis(2-ethylhexyl) Phthalate (DEHP), Diisobutyl phthalate (DIBP) content comply with the limit as set of RoHS Directive 2011/65/EU Annex II amending Directive (EU)2015/863.

CONCLUSION

Pass

Signed for and on behalf of AZT

Jack Zhong



Shenzhen AZT Technology Co., Ltd.

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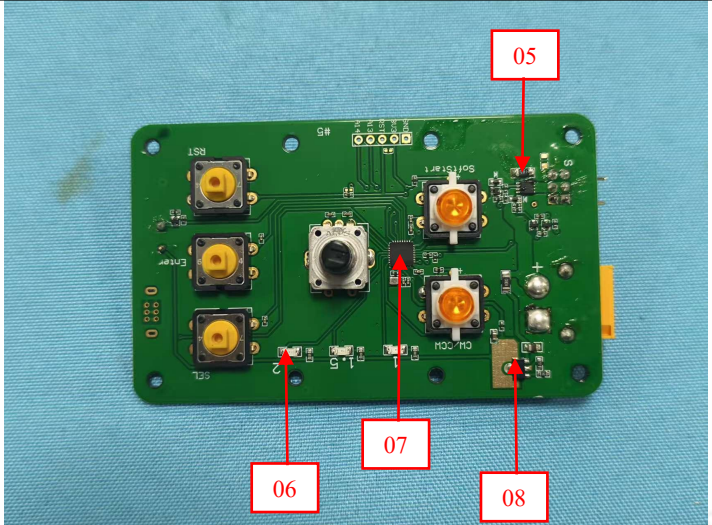
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Test Item Description And Photo List

No.	Tested Part(s)	The photo of the sample
01	Silvery metal with black plating	
02	Black plastic	
03	Black metal screw	
04	Black metal screw	
05	Chip resistor	
06	Chip LED	
07	IC	
08	IC	



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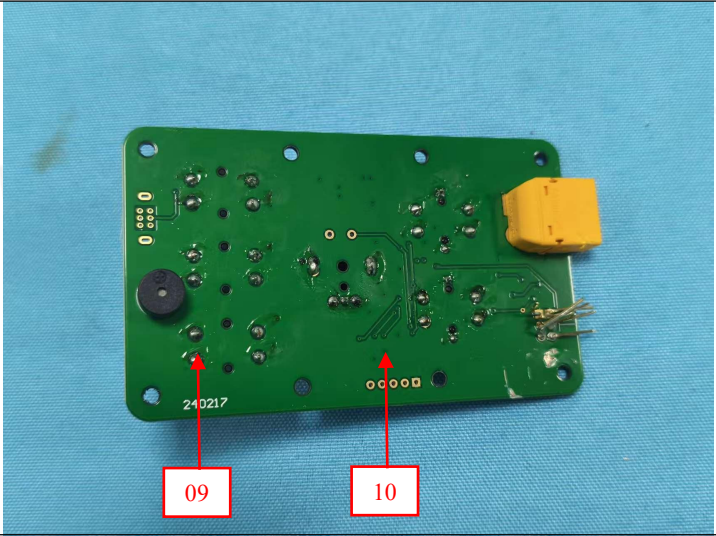
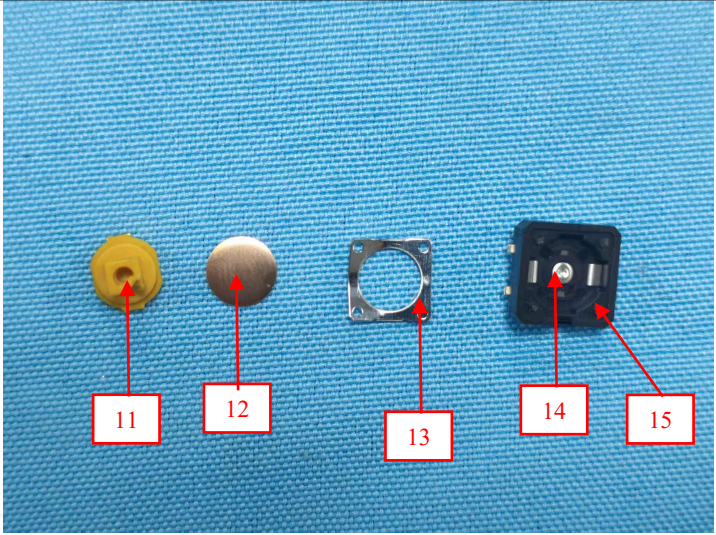
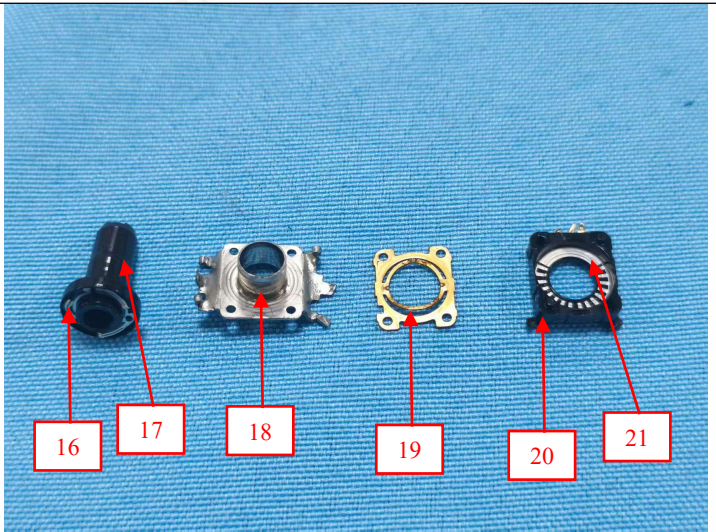


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No.	Tested Part(s)	The photo of the sample
09	Silvery soldering tin	
10	Green PCB	
11	Yellow plastic	
12	Silvery metal with copper plating	
13	Silvery metal	
14	Silvery metal	
15	Black plastic	
16	Silvery metal	
17	Black plastic	
18	Silvery metal	
19	Copper metal	
20	Black plastic	
21	Silvery metal	



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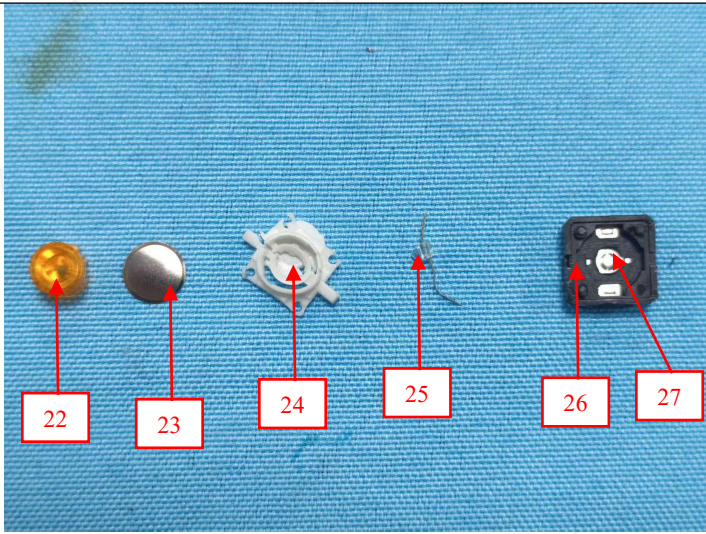
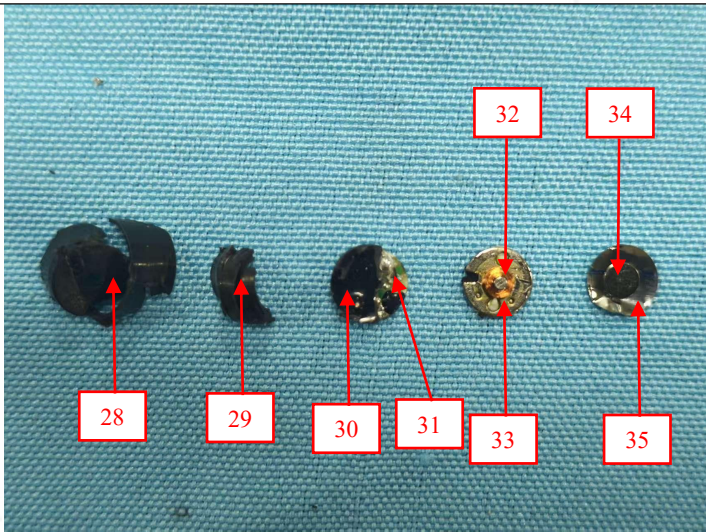
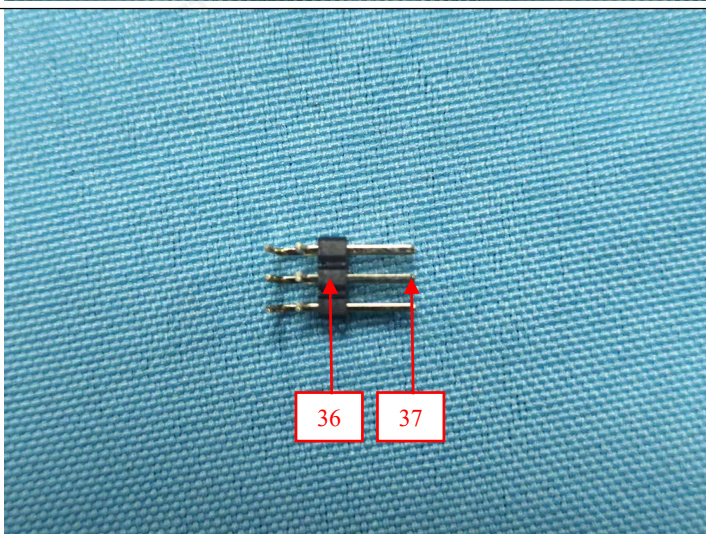


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No.	Tested Part(s)	The photo of the sample
22	Yellow translucent plastic	 This photograph shows five samples on a blue textured background. Sample 22 is a yellow translucent plastic dome. Sample 23 is a silvery metal dome. Sample 24 is a white plastic gear-like component. Sample 25 is a transparent LED. Sample 26 is a black plastic component with two silvery metal pins. Sample 27 is a silvery metal component with two pins. Red arrows point from each sample to its corresponding number in a red box below it.
23	Silvery metal	
24	White plastic	
25	Transparent LED	
26	Black plastic	
27	Silvery metal	
28	Black plastic	 This photograph shows six samples on a blue textured background. Sample 28 is a black plastic component. Sample 29 is a black metal magnet. Sample 30 is a black glue. Sample 31 is a green PCB. Sample 32 is a copper metal coil. Sample 33 is a silvery metal component. Sample 34 is a silvery metal magnet. Sample 35 is a silvery metal component. Red arrows point from each sample to its corresponding number in a red box below it.
29	Black metal magnet	
30	Black glue	
31	Green PCB	
32	Copper metal coil	
33	Silvery metal	
34	Silvery metal magnet	
35	Silvery metal	
36	Black plastic	 This photograph shows two samples on a blue textured background. Sample 36 is a black plastic component with three pins. Sample 37 is a silvery metal component with two pins. Red arrows point from each sample to its corresponding number in a red box below it.
37	Silvery metal	



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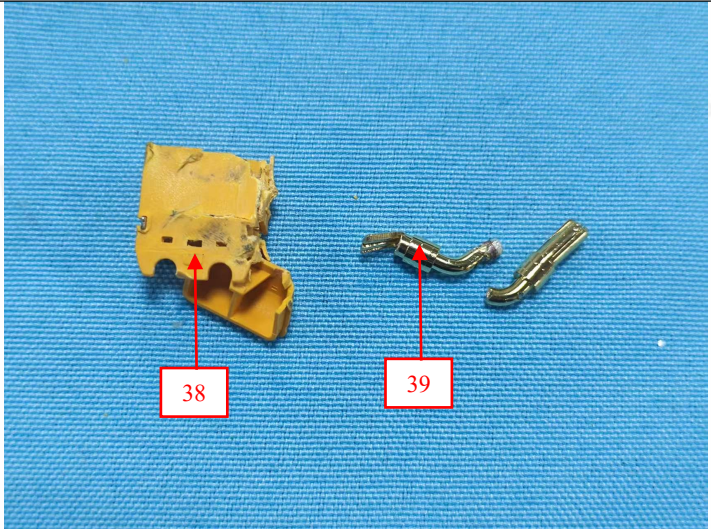


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No.	Tested Part(s)	The photo of the sample
38	Yellow plastic	
39	Silvery metal with golden plating	



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Results:

RoHS Directive 2011/65/EU Annex II amending Directive (EU)2015/863

A. XRF screening Result

Test method: With reference to IEC 62321-3-1:2013, Screening by X-ray Fluorescence Spectroscopy (XRF)

No.	Tested Part(s)	Results					
		Cd	Pb	Hg	Cr▼	Br▼	
						PBBs	PBDEs
01	Silvery metal with black plating	BL	BL	BL	BL	/	/
02	Black plastic	BL	BL	BL	BL	BL	BL
03	Black metal screw	BL	BL	BL	BL	/	/
04	Black metal screw	BL	BL	BL	BL	/	/
05	Chip resistor	BL	BL	BL	BL	BL	BL
06	Chip LED	BL	BL	BL	BL	BL	BL
07	IC	BL	BL	BL	BL	BL	BL
08	IC	BL	BL	BL	BL	BL	BL
09	Silvery soldering tin	BL	BL	BL	BL	/	/
10	Green PCB	BL	BL	BL	BL	X	X
11	Yellow plastic	BL	BL	BL	BL	BL	BL
12	Silvery metal with copper plating	BL	BL	BL	BL	/	/
13	Silvery metal	BL	BL	BL	BL	/	/
14	Silvery metal	BL	BL	BL	BL	/	/
15	Black plastic	BL	BL	BL	BL	BL	BL
16	Silvery metal	BL	BL	BL	BL	/	/
17	Black plastic	BL	BL	BL	BL	BL	BL
18	Silvery metal	BL	BL	BL	BL	/	/
19	Copper metal	BL	BL	BL	BL	/	/
20	Black plastic	BL	BL	BL	BL	BL	BL
21	Silvery metal	BL	BL	BL	BL	/	/
22	Yellow translucent plastic	BL	BL	BL	BL	BL	BL
23	Silvery metal	BL	BL	BL	BL	/	/
24	White plastic	BL	BL	BL	BL	BL	BL
25	Transparent LED	BL	BL	BL	BL	BL	BL
26	Black plastic	BL	BL	BL	BL	BL	BL



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No.	Tested Part(s)	Results					
		Cd	Pb	Hg	Cr▼	Br▼	
						PBBs	PBDEs
27	Silvery metal	BL	BL	BL	BL	/	/
28	Black plastic	BL	BL	BL	BL	X	X
29	Black metal magnet	BL	BL	BL	BL	/	/
30	Black glue	BL	BL	BL	BL	BL	BL
31	Green PCB	BL	BL	BL	BL	BL	BL
32	Copper metal coil	BL	BL	BL	BL	/	/
33	Silvery metal	BL	BL	BL	BL	/	/
34	Silvery metal magnet	BL	BL	BL	BL	/	/
35	Silvery metal	BL	BL	BL	BL	/	/
36	Black plastic	BL	BL	BL	BL	X	X
37	Silvery metal	BL	BL	BL	BL	/	/
38	Yellow plastic	BL	BL	BL	BL	X	X
39	Silvery metal with golden plating	BL	OL	BL	BL	/	/



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Note:

- (1) Results were obtained by XRF for primary screening, and further chemical testing by ICP (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBBs, PBDEs) are recommended to be performed, if the concentration exceeds the below warning value according to IEC 62321-3-1:2013.

XRF screening limits for different materials:

Element	Unit	Non-metal	Metal	Composite Material
Cd	mg/kg	$BL \leq 70 - 3\sigma < X < 130 + 3\sigma \leq OL$	$BL \leq 70 - 3\sigma < X < 130 + 3\sigma \leq OL$	$BL \leq 50 - 3\sigma < X < 150 + 3\sigma \leq OL$
Pb	mg/kg	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 500 - 3\sigma < X < 1500 + 3\sigma \leq OL$
Hg	mg/kg	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 500 - 3\sigma < X < 1500 + 3\sigma \leq OL$
Cr	mg/kg	$BL \leq 700 - 3\sigma < X$	$BL \leq 700 - 3\sigma < X$	$BL \leq 500 - 3\sigma < X$
Br	mg/kg	$BL \leq 300 - 3\sigma < X$	--	$BL \leq 250 - 3\sigma < X$

Note:

- BL=Below Limit
 - OL=Over Limit (Screening result was over limit, thus further confirmation test was conducted.)
 - X=Inconclusive(Screening result was inconclusive, thus further confirmation test was conducted.)
 - /=Not Applicable
 - mg/kg = milligram per kilogram = ppm
- (2) 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) The maximum permissible limit is quoted from the RoHS Directive 2011/65/EU Annex II amending Directive (EU)2015/863.
- (4) ▼=For restricted substances PBBs and PBDEs, the results show the total Br content; The restricted substance was Cr (VI), and the results showed the total Cr content.



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RoHS Restricted Substances	Maximum Concentration Value (mg/kg) (by weight in homogenous materials)
Cadmium (Cd)	100
Lead (Pb)	1000
Mercury (Hg)	1000
Hexavalent Chromium (Cr(VI))	1000
Polybrominated biphenyls (PBBs)	1000
Polybrominated diphenyl ethers (PBDEs)	1000
Dibutyl Phthalate (DBP)	1000
Benzyl butyl Phthalate (BBP)	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	1000
Diisobutyl phthalate (DIBP)	1000

Disclaimers:

This XRF Screening report is for reference purposes only. The applicant shall make its/his/her own judgment as to whether the information provided in this XRF screening report is sufficient for its/his/her purposes.

The result shown in this XRF screening report will differ based on various factors, including but not limited to, the sample size, thickness, area, surface flatness, equipment parameters and matrix effect (e.g. plastic, rubber, metal, glass, ceramic etc.). Further wet chemical pre-treatment with relevant chemical equipment analysis are required to obtain quantitative data.



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B. Result of Wet Chemical Testing

Test method:

Lead & Cadmium Content:

With reference to IEC 62321-5:2013, analysis was performed by Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES).

Mercury Content:

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

Hexavalent Chromium Content:

With reference to IEC 62321-7-1:2015& IEC 62321-7-2:2017, analysis was performed by UV-visible spectrophotometer (UV-Vis).

PBBs & PBDEs Content:

With reference to IEC 62321-6:2015, analysis was performed by gas chromatographic-mass spectrometer (GC-MS).

DBP, BBP, DEHP, DIBP Content:

With reference to IEC 62321-8:2017, analysis was performed by gas chromatographic-mass spectrometer (GC-MS).

1) The test results of Lead (Pb)

Test Item	Unit	MDL	Results	Limit
			39 [#]	
Lead (Pb)	mg/kg	10	16926	1000

Note:

- MDL = Method Detection Limit
- mg/kg = milligram per kilogram = ppm
- N.D.=Not Detected (<MDL or LOQ)
- # The tested part(s) <39> is copper alloy. The lead content which is under 4% is exempted from the requirement of directive 2011/65/EU(RoHS)Annex III 6(c).



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2) The test results of DBP, BBP, DEHP & DIBP

Test Items	CAS No.	Unit	MDL	Results		Limit
				02+10+11	15+17+20	
Dibutyl Phthalate (DBP)	84-74-2	mg/kg	50	N.D.	N.D.	1000
Benzyl butyl Phthalate (BBP)	85-68-7	mg/kg	50	N.D.	N.D.	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	mg/kg	50	N.D.	N.D.	1000
Diisobutyl phthalate (DIBP)	84-69-5	mg/kg	50	N.D.	N.D.	1000

Test Items	CAS No.	Unit	MDL	Results		Limit
				24+26+28	36+38	
Dibutyl Phthalate (DBP)	84-74-2	mg/kg	50	N.D.	N.D.	1000
Benzyl butyl Phthalate (BBP)	85-68-7	mg/kg	50	N.D.	N.D.	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	mg/kg	50	N.D.	N.D.	1000
Diisobutyl phthalate (DIBP)	84-69-5	mg/kg	50	N.D.	N.D.	1000



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3) The test results of PBBs & PBDEs

Test Items	Unit	MDL	Results				Limit
			10	28	36	38	
Polybrominated Biphenyls (PBBs)							
Monobromobiphenyl	mg/kg	50	N.D.	N.D.	N.D.	N.D.	/
Dibromobiphenyl	mg/kg	50	N.D.	N.D.	N.D.	N.D.	/
Tribromobiphenyl	mg/kg	50	N.D.	N.D.	N.D.	N.D.	/
Tetrabromobiphenyl	mg/kg	50	N.D.	N.D.	N.D.	N.D.	/
Pentabromobiphenyl	mg/kg	50	N.D.	N.D.	N.D.	N.D.	/
Hexabromobiphenyl	mg/kg	50	N.D.	N.D.	N.D.	N.D.	/
Heptabromobiphenyl	mg/kg	50	N.D.	N.D.	N.D.	N.D.	/
Octabromobiphenyl	mg/kg	50	N.D.	N.D.	N.D.	N.D.	/
Nonabromodiphenyl	mg/kg	50	N.D.	N.D.	N.D.	N.D.	/
Decabromodiphenyl	mg/kg	50	N.D.	N.D.	N.D.	N.D.	/
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	1000
Polybrominated Diphenyl ethers (PBDEs)							
Monobromodiphenyl ether	mg/kg	50	N.D.	N.D.	N.D.	N.D.	/
Dibromodiphenyl ether	mg/kg	50	N.D.	N.D.	N.D.	N.D.	/
Tribromodiphenyl ether	mg/kg	50	N.D.	N.D.	N.D.	N.D.	/
Tetrabromodiphenyl ether	mg/kg	50	N.D.	N.D.	N.D.	N.D.	/
Pentabromodiphenyl ether	mg/kg	50	N.D.	N.D.	N.D.	N.D.	/
Hexabromodiphenyl ether	mg/kg	50	N.D.	N.D.	N.D.	N.D.	/
Heptabromodiphenyl ether	mg/kg	50	N.D.	N.D.	N.D.	N.D.	/
Octabromodiphenyl ether	mg/kg	50	N.D.	N.D.	N.D.	N.D.	/
Nonabromodiphenyl ether	mg/kg	50	N.D.	N.D.	N.D.	N.D.	/
Decabromodiphenyl ether	mg/kg	50	N.D.	N.D.	N.D.	N.D.	/
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	1000

Remark:

- mg/kg = milligram per kilogram = ppm
- N.D. = Not detected
- MDL= Method detected limited
- The samples were mixed for phthalic acid test
- Tested part(s) was/were specified by client
- Flow chart appendix is included
- Photo appendix is included

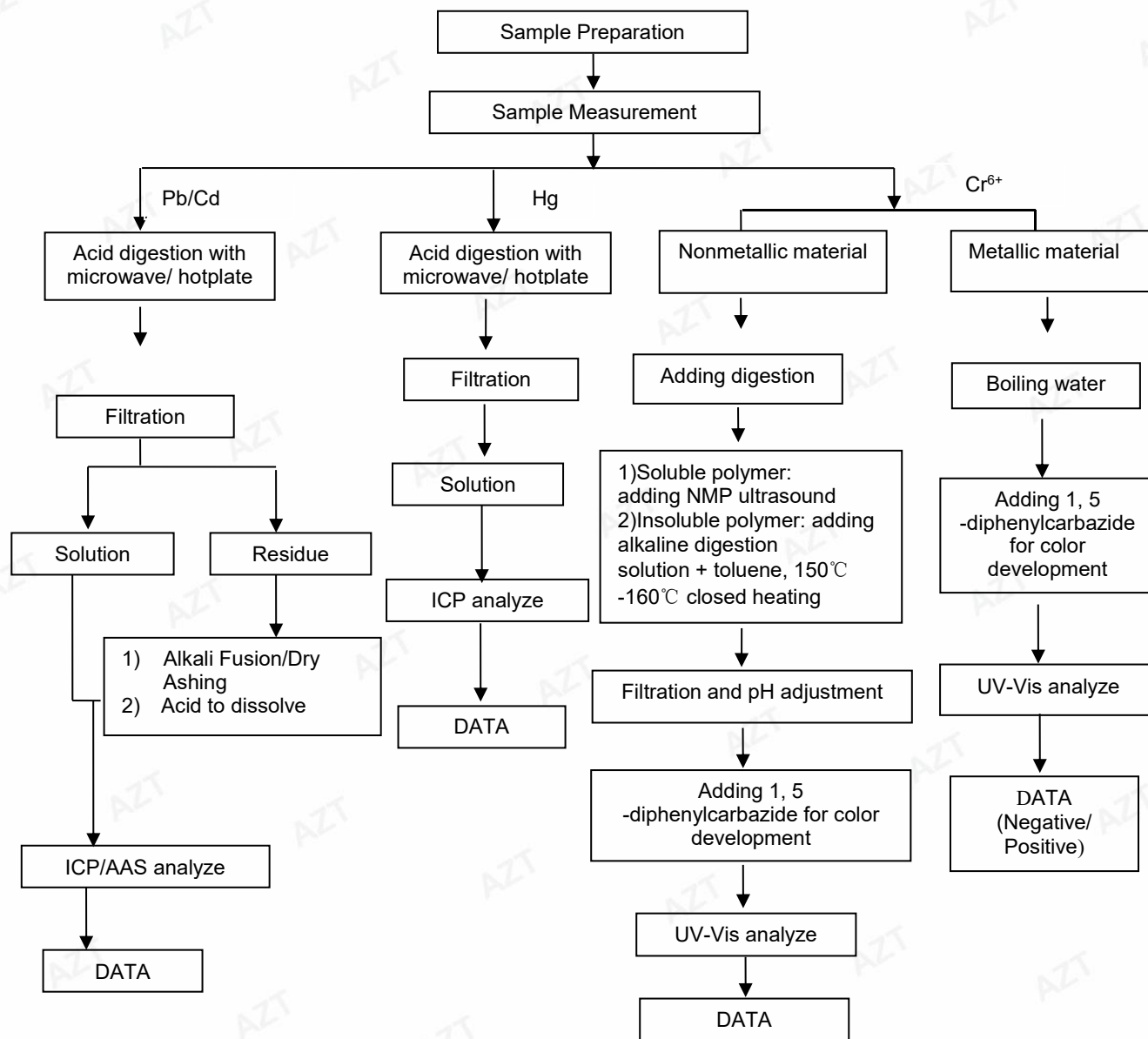


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Appendix

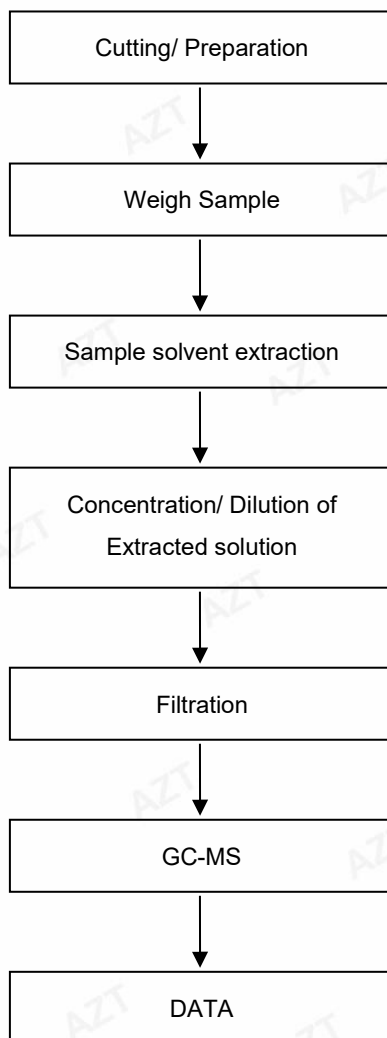
Pb/Cd/Hg/Cr⁶⁺ Testing Flow Chart





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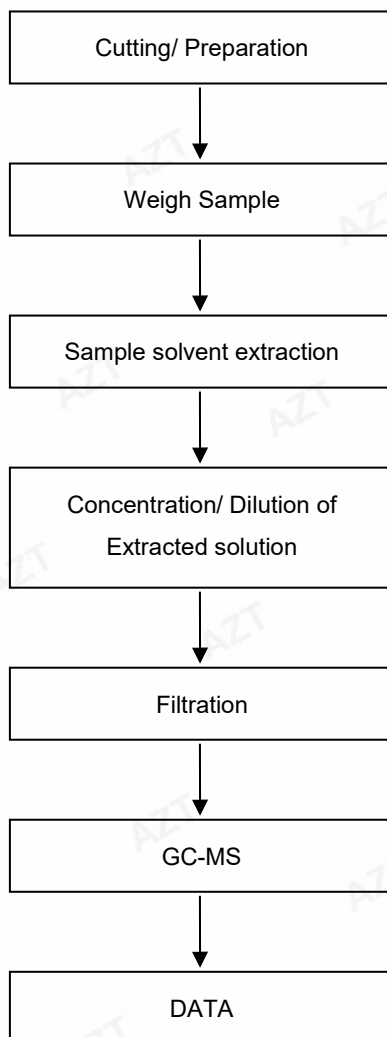
PBBs/PBDEs Testing Flow Chart



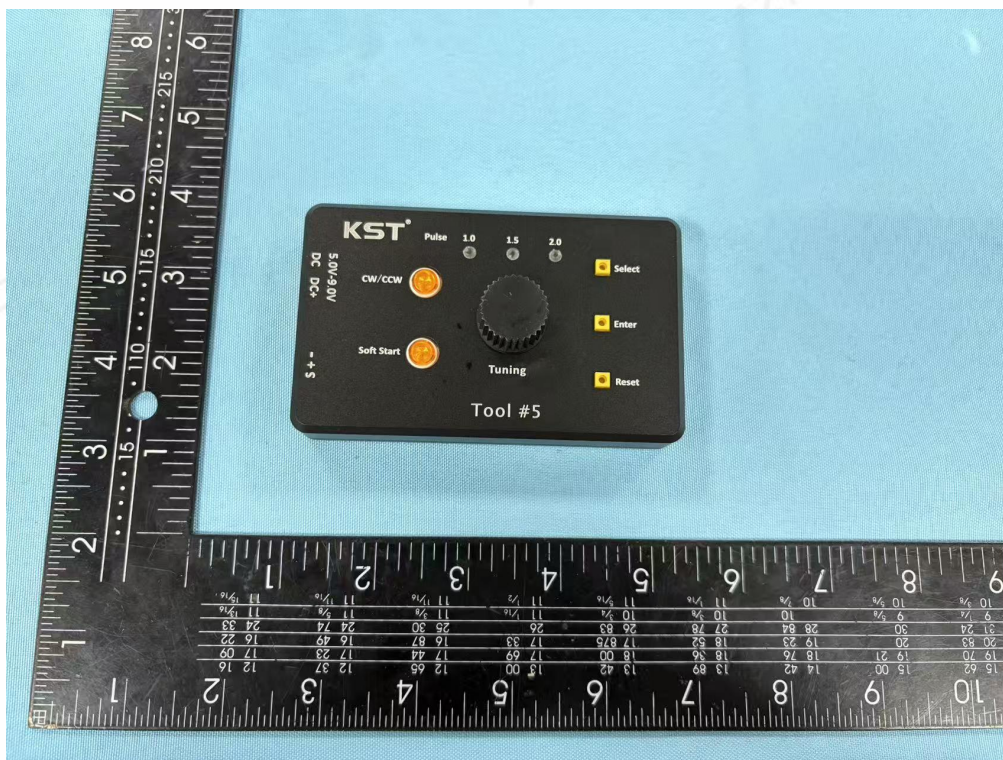


TEST REPORT

Phthalates Testing Flow Chart



The photo of the sample



AZT authenticate the photo on original report only

Statement:

1. This test report is invalid without the signature of the approver and the special seal of the company's report.
2. The copy of the test report is invalid if the "Special Seal for Inspection and Testing" or "Special Seal for testing" or the official seal of the testing unit is not re-stamped.
3. After the test report is altered, the test report is invalid.
4. If there is any objection to the test report, please submit written comments to the laboratory within 15 days from the date of receipt of the report.
5. This test is only responsible for samples provided by customers.
6. This report shall not be reproduced in whole or in part without the written authorization of the Company.
7. The laboratory is not responsible for sampling, all samples are provided by customers.
8. The test results in this test report are only related to the samples provided by the customer.
9. If the report is not stamped with the qualification mark, it is only used for scientific research, teaching, internal quality control and other activities, and does not have a proof role for the society.

*** End of Report ***

