

Report No.: AGC04094190501-001 Date: May 30, 2019 Page 1 of 11

Applicant: Xindao B.V.

Address: P.O. Box 3082, 2280 GB, Rijswijk, The Netherlands

Test site: 1,6/F.,Building 2,No. 1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang,

Baoan District, Shenzhen, Guangdong, China

Report on the submitted sample(s) said to be:

Sample Name: Aluminium 5.000 mAh pocket powerbank

Model No.: P322.01

Sample Received Date: May 22, 2019

Testing Period: May 22, 2019 to May 30, 2019

Test Requested: Please refer to following page(s).

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

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





The results shown if this is treport refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by SCC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-sett.com.



Report No.: AGC04094190501-001 Date: May 30, 2019 Page 2 of 11

Test Requested: Conclusion

1. As specified by client, to determine the Pb, Cd, Hg, Cr⁶⁺, PBBs, PBDEs content in the submitted sample in accordance with EU RoHS Directive 2011/65/EU(RoHS) and its amendment directives on XRF and Chemical Method.

Pass

2.As specified by client, to determine the DBP, BBP, DEHP, DIBP content in the submitted sample in accordance with Directive 2011/65/EU (RoHS) and its amendment directive (EU) 2015/863.

Pass

Test Methods:

A: <u>Screening by X-ray Fluorescence Spectrometry (XRF)</u>: With reference to IEC 62321-3-1:2013 Ed 1.0 Screening – Lead, mercury, cadmium, total chromium and total bromine by X-ray fluorescence spectrometry

B: Chemical test:

Test Item	Test Method	Measuring Instrument	MDL
Cadmium (Cd)	IEC 62321-5:2013 Ed 1.0	ICP-OES	2 mg/kg
Lead (Pb)	IEC 62321-5:2013 Ed 1.0	ICP-OES	2 mg/kg
Mercury (Hg)	IEC 62321-4: 2013+A1:2017 Ed 1.1	ICP-OES	2 mg/kg
Non-metal Hexavalent Chromium (Cr ⁶⁺)	IEC 62321-7-2:2017 Ed 1.0	UV-Vis	1 mg/kg
Metal Hexavalent Chromium (Cr ⁶⁺)	IEC 62321-7-1:2015 Ed 1.0	UV-Vis	Martin de Coloni Coloni
PBBs/PBDEs	IEC 62321-6:2015 Ed 1.0	GC-MS	5 mg/kg

The results shown if this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by (SCC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-eatt.com.

No.18 C



Report No.: AGC04094190501-001 Date: May 30, 2019 Page 3 of 11

Test Results:

A, EU RoHS Directive 2011/65/EU and its amendment directives on XRF

Seq.	Tested Part(s)		Results(mg/kg)						
No.	lested Part(s)	Cd	Pb	Hg	Cr	Br			
1	Silver metal aluminum shell(outer shell)	BL	BL	BL	BL				
2	Black plastic cover(outer shell)	BL	BL	BL	BL	X*			
3	White pad(outer shell)	BL	BL	BL	BL	BL			
4	Black plastic frame(outer shell)	BL	BL	BL	BL	X*			
5	Silver screw	BL	BL	BL	BL	- Mir.			
6	Blue tape(battery)	BL	BL	BL	BL	BL			
7	Black foam (battery)	BL	BL	BL	BL	BL			
8	Brown tape(battery)	BL	BL	BL	BL	BL			
9	Electric core(battery)	BL	BL	BL	BL	BL			
10	Tin solder(battery)	BL	BL	BL	BL	-			
11.	Wire core(battery)	BL	BL	BL	BL	- 1100			
12	Black wire jacket(battery)	BL	BL	BL	BL	BL			
13	Red wire jacket(battery)	BL	BL	BL	BL	BL			
14	Gray inductance	BL	BL	BL	X*	BL			
15	Chip IC	BL	BL	BL	BL	BL			
16	Tin plating	BL	BL	BL	BL	ation 6			
17	Chip triode	BL	BL	BL	BL	BL			
18	Chip resistor	BL	BL	BL	BL	BL			
19	Chip capacitor	BL	BL	BL	BL	BL			
20	Black plastic button(touch switch)	BL	BL	BL	BL	BL			
21	White plastic base seat(touch switch)	BL	BL	BL	BL	BL			
22	USB metal joint(Micro joint)	BL	BL	BL	BL	-			
23	Black plastic seat(Micro joint)	BL	BL	BL	BL	BL			
24	Contact pin(Micro joint)	BL	BL	BL	BL	-			

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ACC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-eatt.com.

No.18 C

Attestation of Global Compliance Std. & Tech.



Report No.: AGC04094190501-001 Date: May 30, 2019 Page 4 of 11

Seq.	Tally (C)		Results(mg/kg)						
No.	Tested Part(s)	Cd	Pb	Hg	Cr	Br			
25	USB metal joint(USB joint)	BL	BL	BL	BL	ion of Global Co			
26	White plastic joint(USB joint)	BL	BL	BL	BL	BL			
27	Contact pin(USB joint)	BL	BL	BL	BL	-			
28	Tin solder	BL	BL	BL	BL	® The state			
29	PCB board	BL	BL	BL	BL	X*			
30	Chip LED	BL	BL	BL	BL	BL			
31	Black metal shell(outer shell)	BL	BL	BL	BL	impliance _			
32	Blue metal shell(outer shell)	BL	BL	BL	BL	-6			

Element	Unit	Non-metal	Metal	Composite Material
Cd	mg/kg	BL≤70-3σ <x <130+3σ≤OL</x 	BL≤70-3σ <x <130+3σ≤OL</x 	BL≤50-3σ <x <150+3σ≤OL</x
Pb	mg/kg	BL≤700-3σ <x <1300+3σ≤OL</x 	BL≤700-3σ <x <1300+3σ≤OL</x 	BL≤500-3σ <x <1500+3σ≤OL</x
Hg	mg/kg	BL≤700-3σ <x <1300+3σ≤OL</x 	BL≤700-3σ <x <1300+3σ≤OL</x 	BL≤500-3σ <x <1500+3σ≤OL</x
Cr	mg/kg	BL≤700-3σ <x< td=""><td>BL≤700-3σ<x< td=""><td>BL≤500-3σ<x< td=""></x<></td></x<></td></x<>	BL≤700-3σ <x< td=""><td>BL≤500-3σ<x< td=""></x<></td></x<>	BL≤500-3σ <x< td=""></x<>
Br	mg/kg	BL≤300-3σ <x< td=""><td>玉龙</td><td>BL≤250-3σ<x< td=""></x<></td></x<>	玉龙	BL≤250-3σ <x< td=""></x<>

Note: BL= Below Limit

OL= Over limited X= Inconclusive "-"= Not regulated

The results shown in this lest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by (SC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-eatt.com.

No.18 C

^{*=} Scanning by XRF and detected by chemical method. The test results of chemical method please refer to next pages.



Report No.: AGC04094190501-001 Date: May 30, 2019 Page 5 of 11

Remark:

- i Results were obtained by XRF for primary scanning, 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 above warning value according to IEC 62321-3-1:2013 Ed 1.0.
- ii The XRF scanning test for RoHS elements The reading may be different to the actual content in the sample be of non-uniformity composition.

iii The maximum permissible limit is quoted from RoHS directive 2011/65/EU:

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 diphenylethers (PBDEs)	1000

Disclaimers:

This XRF Scanning 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 scanning 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.

B. The Test Results of Chemical Method:

1) The Test Results of non-metal Cr⁶⁺

Test Item(s)	Unit	Result(s)	Limit
Hexavalent Chromium(Cr ⁶⁺)	mg/kg	N.D.	1000

Note: N.D. = Not Detected or less than MDL

mg/kg = parts per million

MDL = Method Detection Limit

The results spown in this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ASC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-eatcom.



Report No.: AGC04094190501-001 Date: May 30, 2019 Page 6 of

2) The Test Results of PBBs & PBDEs

Unit: mg/kg

				Unit: mg/		
Itoma(a)	MDL		Result(s)		T : maid of the contract of th	
Item(s)	MIDI	2 Compliance	4	29	Limit	
Polybrominated Biphenyls (PB	Bs)					
Monobromobiphenyl	5	N.D.	N.D.	N.D.		
Dibromobiphenyl	5	N.D.	N.D.	N.D.	10 mg	
Tribromobiphenyl	5	N.D.	N.D.	N.D.	F The Complete	
Tetrabromobiphenyl	5	N.D.	N.D.	N.D.	Alles to thom	
Pentabromobiphenyl	5	N.D.	N.D.	N.D.	T I DDD G	
Hexabromobiphenyl	5	N.D.	N.D.	N.D.	Total PBBs Content <1000	
Heptabromobiphenyl	5	N.D.	N.D.	N.D.	© 444	
Octabromobiphenyl	5	N.D.	N.D.	N.D.	CC Marie	
Nonabromodiphenyl	5	N.D.	N.D.	N.D.	-aii	
Decabromodiphenyl	5	N.D.	N.D.	N.D.	The Marianto The	
Total content	/	N.D.	N.D.	N.D.	station of Global (S) Attendation of Global	
Polybrominated Diphenylether	s (PBDEs)					
Monobromodiphenyl ether	5	N.D.	N.D.	N.D.	-711	
Dibromodiphenyl ether	5	N.D.	N.D.	N.D.	K Compliance	
Tribromodiphenyl ether	5	N.D.	N.D.	N.D.	® ## Cooker (Cooker (C	
Tetrabromodiphenyl ether	5	N.D.	N.D.	N.D.	-10 M	
Pentabromodiphenyl ether	5	N.D.	N.D.	N.D.	T INDEE G	
Hexabromodiphenyl ether	5	N.D.	N.D.	N.D.	Total PBDEs Content <1000	
Heptabromodiphenyl ether	5	N.D.	N.D.	N.D.	1000	
Octabromodiphenyl ether	5	N.D.	N.D.	N.D.	AGO N	
Nonabromodiphenyl ether	5	N.D.	N.D.	N.D.		
Decabromodiphenyl ether	5	N.D.	N.D.	N.D.	The fill of the fi	
Total content	1	N.D.	N.D.	N.D.	A Comparation of Co.	
Conclusion	That Compliant	Pass	Pass	Pass	Viles.	

Note: N.D. = Not Detected or less than MDL

> mg/kg = parts per million MDL = Method Detection Limit

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ASC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-centr.com. **ANGC**



Report No.: AGC04094190501-001 Date: May 30, 2019 Page 7 of 11

2. Test result of DBP, BBP, DEHP, DIBP content

Unit: mg/kg

CC TOTAL	Test Method/	MDI	Result(Result(s)		F Clobal Comp	
Test Item(s)	Equipment	MDL	2	3	4	6	Limit	
Di-(2-ethylhexyl) Phthalate (DEHP)	IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000	
Dibutyl phthalate (DBP)			50	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl phthalate (BBP)		50	N.D.	N.D.	N.D.	N.D.	1000	
Di-iso-butyl phthalate (DIBP)		50	N.D.	N.D.	N.D.	N.D.	1000	
Conclusion		/	Pass	Pass	Pass	Pass	impliance /	

Unit: mg/kg

T. H. () C.C	Test Method/ Equipment MI	MDI		I imit			
Test Item(s)		MDL	7	8	9	12	Limit
Di-(2-ethylhexyl) Phthalate (DEHP)	® # Japan of Clobal Comp	50	N.D.	N.D.	N.D.	N.D.	1000
Dibutyl phthalate (DBP)	IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl phthalate (BBP)		IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.
Di-iso-butyl phthalate (DIBP)	plance @ ###	50	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	CO		Pass	Pass	Pass	Pass	1

Unit: mg/kg

TO AL TO A STANDARD OF THE STA	Test Method/	Allestation of Ga	Result(s)					
Test Item(s)	Equipment	MDL	13	14	15	17	Limit	
Di-(2-ethylhexyl) Phthalate (DEHP)		50	N.D.	N.D.	N.D.	N.D.	1000	
Dibutyl phthalate (DBP)	8 Marion of Colonia Commis	50	N.D.	N.D.	N.D.	N.D.	1000	
Butylbenzyl phthalate (BBP)	IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000	
Di-iso-butyl phthalate (DIBP)	11 THE THE PARTY OF THE PARTY O	50	N.D.	N.D.	N.D.	N.D.	1000	
Conclusion	on of Godbal Come.	Clops, 1	Pass	Pass	Pass	Pass	1	

The results shown in this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by SC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cent.com.

No.18 C



Report No.: AGC04094190501-001 Date: May 30, 2019 Page 8 of 11

Unit: mg/kg

® St. Andro of Cooling	Test Method/	MDI	ADI	Result(s)				
Test Item(s)	Equipment	MDL	18	19	20	21	Limit	
Di-(2-ethylhexyl) Phthalate (DEHP)	IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000	
Dibutyl phthalate (DBP)		50	N.D.	N.D.	N.D.	N.D.	1000	
Butylbenzyl phthalate (BBP)		50	N.D.	N.D.	N.D.	N.D.	1000	
Di-iso-butyl phthalate (DIBP)	The The Tompland	50	N.D.	N.D.	N.D.	N.D.	1000	
Conclusion	G Management	97	Pass	Pass	Pass	Pass	<i>a</i> /	

Unit: mg/kg

T. A. C.	Test Method/	MDI	MDI		Result(s)			
Test Item(s)	Equipment	MDL	23	26	29	30	Limit	
Di-(2-ethylhexyl) Phthalate (DEHP)	The Compinence	50	N.D.	N.D.	N.D.	N.D.	1000	
Dibutyl phthalate (DBP)	® Ametalion of Global	50	N.D.	N.D.	N.D.	N.D.	1000	
Butylbenzyl phthalate (BBP)	IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000	
Di-iso-butyl phthalate (DIBP)	W. T.	50	N.D.	N.D.	N.D.	N.D.	1000	
Conclusion	And Andrews of Contract of Con	40	Pass	Pass	Pass	Pass	97	

Note: 1.MDL=Method Detection Limit

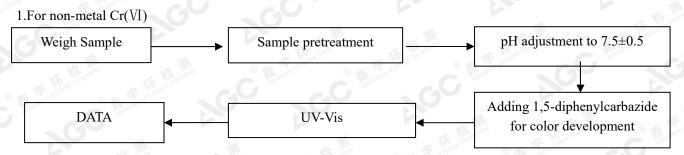
2. N.D.=Not Detected(less than method detection limit)

The results shown in this lest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by (SC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-eatt.com.

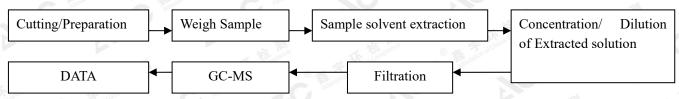


Report No.: AGC04094190501-001 Date: May 30, 2019 Page 9 of 11

Test Flow Chart



2. For PBBs, PBDEs, DBP, BBP, DEHP, DIBP

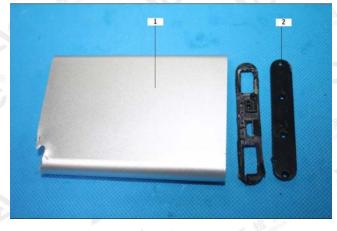


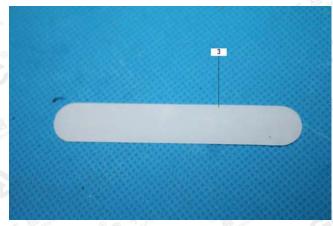
The results shown if this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by (SC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-eatt.com.

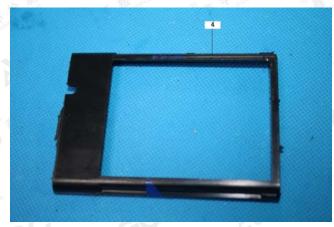


Report No.: AGC04094190501-001 Date: May 30, 2019 Page 10 of 11

The photo of the sample

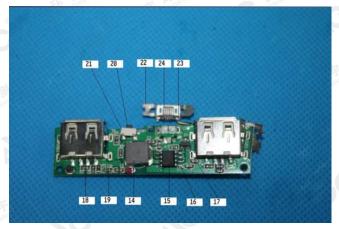












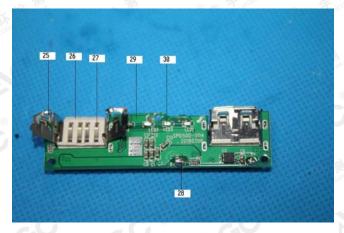
AGC

The results shown if this iest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ASC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cent.com.

Attestation of Global Compliance Std. & Tech.



Report No.: AGC04094190501-001 Date: May 30, 2019 Page 11 of 11







9

AGC04094190501-001

AGC authenticate the photo only on original report

*** End of Report ***

The results shown if this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by (SCC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-centr.com.

No.18 C

Attestation of Global Compliance Std. & Tech.