

Report No.: SZARR190513018-01

Report Test

Client Name

Address

: Power Bank **Product Name**

Date May. 25, 2019

Shenzhen Anbotek Compliance Laboratory Limited



Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 1 of 29

Applicant Address

The submitted sample and sample information was/were submitted and identified by/on the behalf

of the client

Sample Name Power Bank

Model No. P68W (main test), PB8W

Sample Received Date May. 13, 2019

May. 13, 2019 to May. 23, 2019 **Testing Period**

Test Requested As specified by client, to test the Lead(Pb), Cadmium(Cd),

Mercury(Hg), Hexavalent Chromium(Cr(VI)), Polybrominated

Biphenyl(PBBs), Polybrominated Diphenyl Ethers (PBDEs), Diisobutyl

phthalate (DIBP), Dibutyl phthalate(DBP), Benzyl butyl

phthalate(BBP), Di-2-ethylhexyl phthalate(DEHP) in the submitted sample in accordance with the RoHS Directive 2011/65/EU and amendment Commission Delegated Directive (EU) 2015/863 with

Compliance Co

Anbotek

Approved by

effective from 22 July 2019.

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

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

Tested by Weiping Han Weiping Han

Test engineer

Reviewed by

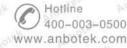
Shirong Yao

Test engineer

Leo Li

Authorized signatory

Shenzhen Anbotek Compliance Laboratory Limited





Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 2 of 29

Test Method:

A. XRF Screening Test

XRF screening limits in mg/kg for regulated elements according to IEC 62321-3-1:2013.

Aupa	Limit of IEC 62321-3-1:2013 Unit (mg/kg)					
Element	Polymers	Metals	Composite material			
Cd	BL≤(70-3σ) <x <(130+3σ)≤ol<="" td=""><td>BL≤(70-3σ) <x <(130+3σ)≤ol<="" td=""><td>LOD<x <(150+3σ)≤ol<="" td=""></x></td></x></td></x>	BL≤(70-3σ) <x <(130+3σ)≤ol<="" td=""><td>LOD<x <(150+3σ)≤ol<="" td=""></x></td></x>	LOD <x <(150+3σ)≤ol<="" td=""></x>			
Pb	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	BL≤(700-3σ) <x <(1300+3σ)≤OL</x 	BL≤(700-3σ) <x <(1300+3σ)≤OL</x 	BL≤(500-3σ) <x <(1500+3σ)≤OL</x 			
Br	BL≤(300-3σ)< X	N.A.	BL≤(250-3σ)< X			
Cr	BL≤(700-3σ)< X	BL≤(700-3σ)< X	BL≤(500-3σ)< X			

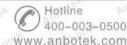
Note:

- -N.A. = Not Applicable
- -BL = Under the XRF screening limit
- -OL = Further chemical test will be conducted while result is above the screening limit
- -X= The symbol "X" marks the region where further investigation is necessary
- -3σ= The reproducibility of analytical instruments
- -LOD= Detection limit

B. Chemical Test

Test Item(s)	Test Method	Measured Equipment(s)	MDL	Limit
Lead (Pb)	IEC 62321-5:2013	iter Aup ate	2 mg/kg	1000 mg/kg
Cadmium (Cd)	IEC 62321-5:2013	ICP-OES	2 mg/kg	100 mg/kg
Mercury (Hg)	IEC 62321-4:2013+AMD1:2017	Aupoter Wun	2 mg/kg	1000 mg/kg
Have valent Obnancium On(M)	IEC 62321-7-1:2015	11)/1/(0	0.10µg/cm ²	4000
Hexavalent Chromium Cr(VI)	UV-VIS IEC 62321-7-2:2017		2 mg/kg	1000 mg/kg
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	potek Anbotel	5 mg/kg	1000 mg/kg
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS	5 mg/kg	1000 mg/kg
Phthalates (DIBP, DBP, BBP, DEHP)	IEC 62321-8:2017	Ambolek A	50 mg/kg	1000 mg/kg

Shenzhen Anbotek Compliance Laboratory Limited





Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 3 of 29

Test Results:

Sample No.	Sample Description	Tested Items	XRF Screening Test	Chemical Test Unit (mg/kg)	Conclusion
Vup.	notek Anbotek	Pb	ok smBL Mar	John I motor	Pizpo.
	por Pr.	Cd	BLotell A	nbo. I have	k Pupolay
	Pupor W	Hg	BL above	Anbot / Am	otek anbo
	Antiote	Cr(Cr(VI))	knoo BL spatak	Augore, Au	101
Anbotek Anbotek	Black plastic shell	Br(PBBs&PBDEs)	Pupo Br Woley	Will Age	PASS
	A	DBP	N.A.	N.D.	- also was
	otek supotek	BBP	N.A.	N.D.	watotu.
	po stak supote	DEHP	N.A.	N.D.	Authore
	Ambos Ans	DIBP	N.A.	N.D.	Anbb
Autotak	Pupor M	Pb	NOVE BL NOVE	per I w	otek or
	Anboro	Cd	Antiba BL Hotel	Mup Ston	up. Mak
	ck Aupoter	Area Hg	And BL	ex Yours	Aupo
	otok Anbotok	Cr(Cr(VI))	BL	olek Vaparen	Aupor ak
2	Gray plastic	Br(PBBs&PBDEs)	BL	atok / sabata	PASS
	button	DBP	N.A.	N.D.	lok Pilipo
	Pupp. 16K	BBP	N.A.	N.D.	bolek An
	AUDIO NE	DEHP	N.A.	N.D.	potak.
	K Pupara	DIBP	N.A.	N.D.	Vinn Polek
r 201	otek Aupon	Pb	BL	otek Puporen	Pub
	abolek Anbole	Cd	BL	notek / Antioles	Viene
	abolek Anbe	Hg	abotel ^k BL ^{both}	Amber Ambre	lek Vupo,
	by.	Cr(Cr(VI))	Hatak BL Antion	Par Par	botek Ani
3	Gray plastic	Br(PBBs&PBDEs)	Hotel BL Antioten	KIND ANK	PASS
	shell	DBP MOON	N.A.	N.D.	Notek.
	otek kupotek	BBP	N.A.	N.D.	An wolak
	nbotek Anhord	DEHP	N.A.	M.D. Anbotes	N MILL
	notek anbo	DIBP	N.A.	N.D.	ok Anbote

Shenzhen Anbotek Compliance Laboratory Limited



Report No.: SZARR190513018-01 Date: May. 25, 2019

Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
P2.	ek anbatek	Pb	BL	1	
	botek Anbotek	Cd	BL Anv	1 Apotak	Vupos.
	lon telf "upoli	Hg	BL ^{otes}	not I moth	k Vupora
	ATIDO NAK AT	Cr(Cr(VI))	BL apple	Ambou I Am	otok Ambol
Anto 4 ex	Black foam	Br(PBBs&PBDEs)	And BL abatok	Pupor V	PASS
	Anbolo	DBP	N.A.	N.D.	inp. Hek
	ek Anboten	BBP	N.A.	N.D.	- abo
	otek Anbotek	DEHP	N.A.	N.D.	"Upo"
	otek anbott	DIBP	N.A.	N.D.	Anhort
Ofer	Ann Botak Ant	Pb	BL	/	VIIPO
	Anbox Lek	Cd	BL Mbox	per lox	anotek Ani
	Anbox	Hg	BL abotak	PUPO,	un otak
	ok Vupore	Cr(Cr(VI))	BL	ek Woore	Mun Wek
5	Black gummed	Br(PBBs&PBDEs)	AND BL	AOLOK Anboro	PASS
	paper	DBP	N.A.	N.D.	Vupo.
	Ann	BBP	N.A.	N.D.	lok Amboli
	Anu stek	DEHP	N.A.	N.D.	ibolek Ani
	Pupo	DIBP	N.A. Madel	N.D.	abotok.
Ambor	PUD POR	Pb Maria	BL anbot	OF PADO	Progen.
e port	otek Ambotek	Cd	BL.	Solek Veupon	Vu.,
	abotak Anbota	Hg	BL	*potek Aupola	Mun We
	- spoyer Pupi	Cr(Cr(VI))	nbotek BLiber	Anbr	leje Vupin
nbotek 6	Green gummed	Br(PBBs&PBDEs)	nbotok BL Anboto	Arm Like	PASS
6 Armodek	sticker	DBP	N.A.	N.D.	*upotak
	Anna	BBP Marie	N.A.	N.D.	P. apolek
	otek supoter	DEHP	N.A.	N.D.	A. Motak
	opotek Aupor	DIBP	N.A.	N.D. Arbotte	N Pur



Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 5 of 29

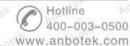
Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
P2.	ek anbaten	Pb	BL	/	
	notek Anbotek	Cd	BL Ann	tek / abotok	
	los Helt Indie	Hg	otok Bhates A	NO NEK / SHOTE	
	Pulpon Pulpon	Cr(Cr(VI))	BL above	Aupor A	
7ek	Yellow gummed	Br(PBBs&PBDEs)	AND JON BL MOOTON	Pupor V	PASS
	paper	DBP	N.A.	N.D.	
	ex Anbotek	BBP	N.A.	N.D.	
	otek Anbotek	DEHP	N.A.	N.D.	
	untek ambote	DIBP	N.A.	N.D.	
ole	And Bolok Anb	Pb	BL	/	Anho
	Pupp -16k	Cd	motel BL Million	Ber Law	
	Mupo. b	Hg cotto	Anna BL nhotal	Prup.	
	N. Auporo	Cr(Cr(VI))	BL,	ek Moor	
8	Yellow gummed	Br(PBBs&PBDEs)	M ^D BL	Holek / Allhote.	PASS
	paper	DBP	N.A.	note N.D. and all	P.Upp.
	Anbrew Anbr	BBP	N.A.	N.D.	
	Aur Mek	DEHP	N.A.	N.D.	
	PUDD STOK	DIBP	N.A.	N.D.	
Aupor	Pulp.	Pb Anhor	BL Moo	P.700	Potek
p.nl	otek Anbotek	Cd	BL	Jolek / Anhor	
	apolak Wapon	Hg	BL	abotek / Autor	
	Display Anbo	Cr(Cr(VI))	nboten BLobo	Aupe	
9	Black magnetic ring	Br(PBBs&PBDEs)	Anbotok BL Anboto	molet as	PASS
Anbotek Anbotek	ATTING	DBP	N.A.	N.D.	
	And otak	BBP	N.A.	N.D.	
	otek supoten	DEHP	N.A.	N.D.	
	opotek Pupos	DIBP	N.A.	N.D. Ariboa	

Shenzhen Anbotek Compliance Laboratory Limited



Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 6 of 29

Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
P2.	ek anbates	Pb	BL	/	
	notek Anbotek	Cd	ok AMBL AM	1 ototok	
	lon tek rupok	Hg	otok BLoton A	no I make	
	Pulpon Nak W	Cr(Cr(VI))	atek BL abovek	Ambou I	
Amb 10°K	Pink scarfskin	Br(PBBs&PBDEs)	Anna BL abarak	Muhon / An	PASS
	Pupore	DBP	N.A.	N.D.	
	ek Anbotek	BBP	N.A.	N.D.	
	otek Anbotek	DEHP	N.A.	107	
	notek ambote	DIBP	N.A.	N.D.	
olo	And Botok Ant	Pb	BL	/	Aupo
	Aupor Fex	Cd	BL Million	per Lay	
	Vupor ok	Hg Maria	Ann and BL and other	Pupol, b	
	ik Vupore	Cr(Cr(VI))	BL.	ek Noorg	
11	Copper-colored cable core	Br(PBBs&PBDEs)	N.A.	Hotek / Amboto	PASS
	Cable Core	DBP	N.A.	cotek / sinbote	P.Upp.
	Ann	BBP	N.A.	And Valor	
	Anu niek	DEHP	N.A.	Vun Tak	
	Antio	DIBP	N.A.	Ann I sak	
Milboli	bun ick	Pb Anhor	BL Moot	P. J.	Polek
Ant	otek Ambotek	Cd	BL	John Autor	
	apolak Anbola	Hg	BL	apotek / Autor	
	abotek Anti-	Cr(Cr(VI))	nbotek BLnbc	wortek/ Ambo	
12	Black probe	Br(PBBs&PBDEs)	anbotok BL Anboto	molek as	PASS
12 Ambotek	K Work	DBP	N.A.	N.D.	
	And Alak	BBP Market	N.A.	N.D.	
	otek supoter	DEHP	N.A.	N.D.	
	opotek Pupor	DIBP	N.A.	M.D. Antion	





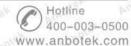
Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 7 of 29

Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
P.0.	lek anbaten	Pb	BL	1	
Anbo	botek Anbotek	Cd	BL Am	104 / Apotok	Mupo.
tek bi	loc tex upote	Hg	otok BLoton A	Not I start	k Muholan
botek	Pulpos By	Cr(Cr(VI))	dek BL abotek	Muhon I Ma	otek amboli
13	Black plastic	Br(PBBs&PBDEs)	BL March	Puport Pu	PASS
Anbolek	jacket	DBP	N.A.	N.D.	inpr Hely
Anbol	ek Anbotek	BBP	N.A.	N.D.	- nbo-
ek An	otek Anbotek	DEHP	N.A.	398	'upo.
P. 20	otek anbote	DIBP	N.A.	N.D.	Anbott
Pole	Arthur Anto	Pb	BL	/	Aupor
Anbotak	Anbo. ek	Cd	ate BL Million	Ber Ley	abotek Ant
Anhotek	Anbor	Hg Antole	Ann BL nhotak	AUGO	in alek
Ambol	Sk Wupore	Cr(Cr(VI))	BL.	ek Moore	Anti
14	Silvery cable	Br(PBBs&PBDEs)	N.A.	AOTOK / Alaboro	PASS
	core	DBP	N.A.	-otek / subate	Anbo
otek	Ann Antiek Antie	BBP	N.A.	bring Alaka Pala	Yek Villos
Anbotok	Ann stek	DEHP	N.A.	Puls lek	bolek Anb
Anboton	Anbo	DIBP	N.A.	Pup.	abolok P
Mupor	Anno sek	Pb Manager	BL nabol	PAO PA	Polek.
N MUL	otek Anbotek	Cd	BL	Jolek \Vipor	Vu. Stak
otek	abotek Anbore	Hg	BL	thotek / Antiole	You we
16%	abotek Anbe	Cr(Cr(VI))	nboten BLober	motely Anbr	Ser Villa
15	Gray silicone	Br(PBBs&PBDEs)	nbotok BL Anboto	District of	PASS
15	K Anbotek	DBP	N.A.	N.D.	Ambolok A
Spole		BBP Marie	N.A.	N.D.	- abatek
6 Anh	otek Anboto	DEHP	N.A.	N.D.	A. abotek
del.	upoles Pupor	DIBP	N.A.	M.D. Maria	A Lotek



Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 8 of 29

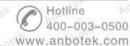
Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
P2.	ek Anboten	Pb	BL	1	,
	botek Anbotek	Cd	BL A	104 / nbotak	Vispo.
	los yell mod	Hg	otok BLoten A	not I motor	k Whole.
	ATIDOS AND AND	Cr(Cr(VI))	atek BL abovek	Ambou / Am	otek anbo
16	Silvery metal shell	Br(PBBs&PBDEs)	N.A.	Pupor V	PASS
	400	DBP	N.A.	Wuh/ye	inb stek
	ek Anbotek	BBP	N.A.	1	- nac
	notek Anbotek	DEHP	N.A.	1	"URD"
	notek anbott	DIBP	N.A.	/	Authorn
ore	Ann Botak Ant	Pb	BL	/	Anbo
	Anbo Lek	Cd	BL Mbo	per 1 av	anotek ar
	Vupo,	Hg Antaole	Ann BL nhotel	PUPA,	Water.
Ambal	ok Auporn	Cr(Cr(VI))	BL	ex Woor	Ann otok
. 17	Pin Pin	Br(PBBs&PBDEs)	N.A.	notek / Anbore	PASS
	Ambotek Ambote	DBP	N.A.	notek / Anhote	Anbo
	Anbotek Anb	BBP	N.A.	And Valor	Yok Vipo
	Arm wiek	DEHP	N.A.	Vun Vak	abolek An
	Ann	DIBP	N.A.	Ann	abotok.
Amboli	Pup. Fek	Pb Maria	BL Moot	PAD POR	Polek
	ofek Anbotek	Cd	BL	Solek \Viuga	Vu.
	abotok Anbore	Hg	PBL 48%	abotek / Antiole	A Mun
	anotek Anb	Cr(Cr(VI))	nboten BLobo	andrew/ Ambr	Ter. Vup.
18	Black inner plastic	Br(PBBs&PBDEs)	Anborok BL Anboro	molek as	PASS
18 Ambotek	piastic	DBP	N.A.	N.D.	anbolok
	Your Mak	BBP	N.A.	N.D.	Anbotek
	otek Anboten	DEHP	N.A.	N.D.	applak
	apotes Anhos	DIBP	N.A.	N.D. Mario	h by





Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 9 of 29

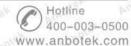
Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
P2	lek Anbaten	Pb	BL	1	
Anbo	potek Anbotek	Cd	W BL Ann	tek / shotak	Pupo.
ek bi	lou yell mode	Hg	otok BLoton A	Noon I have	k Wholes
dolek.	Pulpos William	Cr(Cr(VI))	atek BL abotek	Vupos 1	otek anbo
19	Silvery metal shell	Br(PBBs&PBDEs)	N.A.	Pupor V	PASS
Anbolek	000	DBP	N.A.	Will Line	Cups Hely
Anbo!	ek Anbotek	BBP	N.A.	1	- also
k Vi	otek Anbotek	DEHP	N.A.	/	"URO"
P.05	notek amboti	DIBP	N.A.	/	Authorn
ore	Arm Botak Ant	Pb	BL	/	Anbo
inpotak.	Anbou Tek	Cd	BL Million	De Lay	anotek pr
Aupotek	Anbox	Hg Anto at	And BL nhotel	Pupo,	in alok
Ambol	ek Wuporn	Cr(Cr(VI))	BL	ek Wasia	Vur. Utok
20	Black inner plastic	Br(PBBs&PBDEs)	A ⁶⁰⁰ BL	HOLEK / Allhore	PASS
100	plastic	DBP	N.A.	N.D.	Ambo
oke k	And And	BBP	N.A.	N.D.	lok Althor
nbolok	Acto watek	DEHP	N.A.	N.D.	ibolek An
Anbolo	POD Mak	DIBP	N.A.	N.D.	abotok
Milbor	PUD.	Pb Maria	BL Moot	PAD POR	Polek
. Ant	ofek Ambotek	Cd	BL	Joseph / Pupor	Viv.
10k	abotak Ambota	Hg	BL	applek / Augore	N Man
100	abotek Anbi	Cr(Cr(VI))	nbotek BLober	Anbr	ler Vupo
21	Pin	Br(PBBs&PBDEs)	N.A.	molek at	PASS
21	Anbotek Anbotek	DBP	N.A.	M. A. Markette.	anbotok
- abole		BBP	N.A.	Will Tex	- abotek
Pup	otek anboto	DEHP	N.A.	Joseph Andrew	A. abotek
No.	upotes Pupor	DIBP	N.A.	abotek Aubo	h by





Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 10 of 29

Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
b2,	ek Anboten	Pb	BL	/	,
Anbo		Cd	BL	Jek / Johnson	Vupo.
1.4 No.		Hg	BL ^{oter}	not lek / mater	k Vuloja
potek	Puppos By	Cr(Cr(VI))	atek BL abotek	Ambor / A	otek Anbo
22	Silvery metal	Br(PBBs&PBDEs)	N.A.	Pupor Vi	PASS
Aupolek.	shell	DBP	N.A.	Will Line	inpo stek
Anbol		BBP	N.A.	1	- abo
A Ann		DEHP	N.A.	/	"UPO"
P.03		DIBP	N.A.	/	Anhous
Ofen	Ami Botak Ant	Pb	BL	/	Pupp
Ambotak		Cd	BL Million	per law	moter an
Anbotek		Hg Kithata	BL Strategie	Pup.	WOLEK.
lodne		Cr(Cr(VI))	BL	Sk Moor	Mur
23	notok Pinnbatak	Br(PBBs&PBDEs)	N.A.	HOTEK / Anboro	PASS
ink.		DBP	N.A.	solek / Anbole	Ambo
otek.		BBP	N.A.	And Valo	Yak Viupo,
mbotok		DEHP	N.A. Marina	Pun Yek	ipolek Pul
Anbolo		DIBP	N.A.	MUD I SEK	, abotok
Mipoli	Pup.	Pb Manager	BL	PAD POR	Polek
in put		Cd	BL	Jotek \Vipor	Vii.
tok.		Hg	BL	abotek / Antion	N 100
46.	abotek Anbi	Cr(Cr(VI))	BL	Anbr	ter. Vupr
24	Black inner plastic	Br(PBBs&PBDEs)	anbotok BL Anboto	molek as	PASS
24	piastic	DBP	N.A.	N.D.	supprok.
Anbote		BBP	N.A.	N.D.	a abotek
Anb		DEHP	N.A.	N.D.	A abolek
No.		DIBP	N.A.	N.D.	N Pile





Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 11 of 29

Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
P2.	lek Anbaten	Pb	BL	1	
Aupo	notek Anbotek	Cd	BL Ann	Jek / Jubotak	Vupo.
lek bi	lon tek tipok	Hg	otok Bhates A	not I moth	k bupolas
polek	Pulpos Burn	Cr(Cr(VI))	BL above	Anbou I A	otek Ambol
25	Silvery metal shell	Br(PBBs&PBDEs)	N.A.	Pupor I Vi	PASS
Anbolek	400	DBP	N.A.	With Light	into stek
Anbo!	ek Anbotek	BBP	N.A.	1	No.
Sk VII	otek Anbotek	DEHP	N.A.	1	No.
P. 2	notek ambote	DIBP	N.A.	1	Anholt
oolo	Arm Botak Ant	Pb	BL	/	Anbot
Antrotak	Anbox Lex	Cd	BL Million	por I	-totak Ant
Aupotek	Aupor	Hg	Ann BL nhotel	PUPO,	in. otak
-mbal	ek Aupora	Cr(Cr(VI))	BL	ek Woore	Ann week
26	Black plastic	Br(PBBs&PBDEs)	BL	HOTOK / Allboro	PASS
Acres 1	rubber plug	DBP	N.A.	N.D.	Prupo,
otek	Ann abotek Ann	BBP	N.A.	N.D.	Nok Pilipate
Anbotek - K	Acro stek	DEHP	N.A.	N.D.	ipolek Pup
Ambolen	Antibe	DIBP	N.A.	N.D.	abolak
Amboli	ofek Ambolek	Pb March	BL Moo	PAD MAK	Polek.
K Anh	ofek Ambote	Cd	BL	Potek \Vipog	Vu., "Ofak
Yak.	upotok Aupota	Hg	BL	abotek / Antion	A Pun
10%	shotek Anbr	Cr(Cr(VI))	nbotek BLnbc	anotek/ Anbr	Ter. Vup.
27	Black plastic pedestal	Br(PBBs&PBDEs)	nbotok BL Anbot	and lake a	PASS
27 Amodula	pedesiai	DBP	N.A.	N.D.	emporak p
Anbote	Ann	BBP	N.A.	N.D.	"Upolek
Anb	otek suboter	DEHP	N.A.	N.D.	N. Applex
itek .	upotek Pupor	DIBP	N.A.	N.D. Artou	N Am





Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 12 of 29

Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
P2	ek anboten	Pb	BL	1	
	natek Anbotek	Cd	BL ATT	104 / Abotak	Vupos.
	loo Helt India	Hg	BL ^{oto}	nod I mode	k Vupora.
	Pulpon Par	Cr(Cr(VI))	atek BL apotek	Vupos 1	otek anbol
28	Pin	Br(PBBs&PBDEs)	N.A.	Pupor V	PASS
	Anbore	DBP	N.A.	Will Line	inpo Hek
	ek Anboton	BBP	N.A.	1	- abo
	otek Anbotek	DEHP	N.A.	1	"upor
	otek anbote	DIBP	N.A.	/	Anhore
Pole	Aria abotek Anb	Pb	BL	/	Aupol
	Anbou	Cd	BL Million	per I	woter An
	Vispor, ok	Hg	Ann BL nuolak	Pupol	n. olak
	ek Aupore	Cr(Cr(VI))	BL	ek Moore	Vun Wek
29	Gray foil paper	Br(PBBs&PBDEs)	N.A.	HOLEK / Allhore	PASS
	botek Antiote	DBP	N.A.	satek / sate	Ambie
	Aus.	BBP	N.A.	day Valo	liek Vilipair
	Active Mark	DEHP	N.A. Maria	Pun Vak	ibolek Ant
	Anno	DIBP	N.A.	Wund Yek	. abotok
Amboli	Prup. Fek	Pb Anholi	BL Moo	PADO PAK	hotek.
K Ant	ofek Anboter	Cd	BL	Jotek \Vipor	Vii
	abolak Anbola	Hg	BL	apotek / Anbote	Anii ole
	abotek Anbe	Cr(Cr(VI))	BL	Hotely Anbr	lei. Vup.
30	Silvery foil paper	Br(PBBs&PBDEs)	N.A.	no/ox a	PASS
30	k Anbotek	DBP	N.A.	M TOTAL	ambotok p
		BBP	N.A.	ATT NOW	anbotek.
	otek Anboto	DEHP	N.A.	John Annu vek	N. abotek
	upotes Aupor	DIBP	N.A.	VPOLEN PUPOC	k Air atel



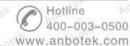
Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 13 of 29

Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
b),,	lek Anboten	Pb	BL	/	,
Anbo	notek Anbotek	Cd	BL ATT	Jek / Johnson	Vispo.
ick pu	los Kell Indi	Hg	BLoter A	not lek / mater	k Willow
potek	Puppor WK W	Cr(Cr(VI))	atek BL abotek	Ambor / A	otek anbo
31	Yellow paper	Br(PBBs&PBDEs)	BL Thatak	Vupor Vi	PASS
Anbolek	Anbore	DBP	N.A.	N.D.	into stek
Vi.	ek Anboten	BBP	N.A.	N.D.	- upo-
k Vi	ootek Anbotek	DEHP	N.A.	N.D.	"upo"
P.05	notek ambot	DIBP	N.A.	N.D.	Authorn
Ofer	And Botok Ant	Pb	BL	1	Anho
Aupotak	Anbou 16k	Cd	BL Million	per law	moter ar
Anbotek	Anbo.	Hg Anhote	BL Sitteral	Pupo,	matak
anbal	Pk Wipor	Cr(Cr(VI))	BL	W Moore	Mun - otok
32	Beige plastic shell	Br(PBBs&PBDEs)	A ^{MD} BL A	HOLEK / Anbole	PASS
of BK	antiotek Sileli Antion	DBP	N.A.	anto N.D. Anto de	Anbi
Ore.	Ann aborek Ann	BBP	N.A.	N.D.	Yek bupo
mbotok	Yun Wiek	DEHP	N.A.	N.D.	abolek An
Anbolo	Ann	DIBP	N.A.	N.D.	abotok
Mipoli	Pup. ISK	Pb Maria	BL Moot	PADO POR	P. Polek
nnt.	otek Ambote	Cd Amboli	BL	Jotek /Anhor	bu, "ofak
10 K	upotek Aupor	Hg	BL	abotek / Anbote	N No.
100	Ollow wastel	Cr(Cr(VI))	BL	Anbroxek/ Anbr	lei. Vun
33	Silvery metal shrapnel	Br(PBBs&PBDEs)	N.A.Anbo	model a	PASS
33	Siliapiici	DBP	N.A.	An Joseph	Ambalak
Anbote	W. You	BBP AND	N.A.	And	anbotek
Mup	otek Anboten	DEHP	N.A.	Jose Andrew	a abatak
No.	upotes Pupos	DIBP	N.A.	Apolek Aupoc	N Pri



Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 14 of 29

Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
b2.	ek anbaten	Pb	BL	/	
	notek Anbotek	Cd	BL	tek / abotak	
	lon Helt Williams	Hg	atek BLater A	not lak / shots	
	Pulpos Princip	Cr(Cr(VI))	BL nucley	Aupor I	
34	Silvery metal shell	Br(PBBs&PBDEs)	N.A.	Anhor An	PASS
	400	DBP	N.A.	Will be a	
	ek Anbotek	BBP	N.A.	1	
	otek Anbotek	DEHP	N.A.	/	
	otek ambote	DIBP	N.A.	/	
Ore	Aria Botak Arib	Pb	BL	/	Antio
	Anho	Cd	BL Mbo	per Loy	
	Mupo. b	thotel Hg Knthate	Ann and BL mboton	Prup.	
	ck Wuporg	Cr(Cr(VI))	BL	ek Noore	
35	Black plastic key	Br(PBBs&PBDEs)	BL	Hotek / Amboro.	PASS
	thotek Antioles	DBP	N.A.	N.D. antota	Ambo
	Anbolak Anbr	BBP	N.A.	N.D.	
	Ann Mek	DEHP	N.A.	N.D.	
	Pub.	DIBP	N.A.	N.D.	
Amboli	Pup.	Pb Magain	BL Moo	P.700	Polek
	ofek Anbotek	Cd	BL	Jotek /Anhor	
	apolak Willpoin	Hg	BL	abotek / Antion	
	abolek Anbo	Cr(Cr(VI))	BL	anotek/ Anbo	
36	White glue	Br(PBBs&PBDEs)	inbatak BL Anbah	molet as	PASS
Anbotek	Anbotek Anbotek	DBP	N.A.	N.D.	
		BBP	N.A.	N.D.	
	otek kupoter	DEHP	N.A.	N.D.	
	opolek Anhor	DIBP	N.A.	N.D. Antibote	





Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 15 of 29

Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
b),,	ek Anbatan	Pb	BL	1	
	notek Anbotek	Cd	LOD	tek / upotak	Vupos.
	toda Yek	Hg	BLoter A	about I have	k Vupola.
	ATIDO SEK PI	Cr(Cr(VI))	BL moter	Ambor J.	otek Anbol
37	Chip diode	Br(PBBs&PBDEs)	AND BL MORE	Pupor V	PASS
	Anhole	DBP	N.A.	N.D.	into stek
	ek Anboter	BBP	N.A.	N.D.	- do
	otek Anbotek	DEHP	N.A.	N.D.	"upo"
	nek amboti	DIBP	N.A.	N.D.	Anholi
DOLO	Ann Botok Ant	Pb	BL	1	Aupor
	Vupo.	Cd	LOD	De Loy	wotek Ant
	Vupo.	Hg Kithata	BL Millore	Pupo,	"Otak
	ok Mipore	Cr(Cr(VI))	BL	Sk Moore	Vur. Olek
38	Yellow LED	Br(PBBs&PBDEs)	BL	HOTEK / Antioto.	PASS
	abotek Antiote	DBP	N.A.	moto N.D. Antonio	Pupper
	Anii	BBP	N.A.	N.D.	Vek VHPO.
	Active Market	DEHP	N.A.	N.D.	ipolek Pup
	Ann	DIBP	N.A.	N.D.	abolok
Amboli	Pun Fek	Pb Manager	BL Moo	PADO PAK	holek.
	otek Ambote	Cd	LOD	Jotek \Vipor	Vill.
	abotok Anboro	Hg	BL	apotek / Anbote	Anv.
	abolek Anb	Cr(Cr(VI))	BL	Motely Anbi	lei. Vup.
39	Chip resistor	Br(PBBs&PBDEs)	anbotok BL Anboto	molek a	PASS
39	k wotek	DBP	N.A.	N.D.	Pubotok b
	Your New	BBP	N.A.	N.D.	anbotek.
	otek Aupoto	DEHP	N.A.	N.D.	N. Apolek
	apoles Pupos	DIBP	N.A.	N.D. Aribo	w piley





Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 16 of 29

Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
P2.	lek Aupotes	Pb	BL	1	,
Anbo	botek Anbotek	Cd	LOD	Jek / Jubotak	Mupo
lek bi	log tek took	Hg	atok BLater A	obo sek / moboti	k Muhota
hotek	Pulpon Mak M	Cr(Cr(VI))	BL above	Anbou I A	otek amboli
40	Gray inductor	Br(PBBs&PBDEs)	Ann BL abarah	Pupor V	PASS
Anbolek	Anbore	DBP	N.A.	N.D.	into stek
Anbol	ek Anboten	BBP	N.A.	N.D.	- upo-
ek Pir	otek Anbotek	DEHP	N.A.	N.D.	"upo"
200	ntek anbott	DIBP	N.A.	N.D.	Antion
oote	Arm Botok Ant	Pb	BL	/	Aupor
Anbotak	Anbou Lek	Cd	LOD	per low	abotek Ant
Anbotok	Anbox	Hg	Anna BL nhotak	Pupo,	in otak
Ambol	ex Anborn	Cr(Cr(VI))	BL 80	ek Woore	AUD WOK
41	Square IC	Br(PBBs&PBDEs)	BL	AOLOK Anboro	PASS
100	hotek Anhote	DBP	N.A.	N.D.	Anbo
otek.	Ans abotek Anti	BBP	abotok N.A.	N.D.	Nok Pilipate
Anbotek .K	Anu stek	DEHP	Motel N.A. Mahata	N.D.	ipolek Pup
Anbolon	Nupo stak	DIBP	N.A.	N.D.	"polak
Amboli	Pupa.	Pb Maria	BL nabol	14 14 14 14 14 14 14 14 14 14 14 14 14 1	Polek.
r Ant	otek Anbotek	Cd	LOD	Pupor	Vu.,
otok	abotak Anbota	Hg	BL	Thotek Vupole	Yun Wel
10%	Anbotek Anbr	Cr(Cr(VI))	nboten BLibon	Martely Ambr	les Vupo
42	IC	Br(PBBs&PBDEs)	abotok BL Anboto	Brown PA	PASS
Ambole	An- Diek	DBP DBP	N.A. Model	N.D.	embotok p
Anbote	Anbe	BBP Marie	N.A.	N.D.	P. Wolek
6 Anb	otek supoto	DEHP	N.A.	N.D.	AT. MOTOR
No.	upotek Anhor	DIBP	N.A.	N.D. Marie	-K Ans

Hotline 400-003-0500 www.anbotek.com



Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 17 of 29

Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
P2	ek anbaten	Pb	BL	1	F .
	potek Anbotek	Cd	LOD	1 of I storek	Mapas
	100 100	Hg	otok BLoter A	about I state	k Wilholan
	Author W. W.	Cr(Cr(VI))	BL above	Muhon 1	otek Anbo
43	Chip resistor	Br(PBBs&PBDEs)	Ann BL Sharak	Million / Am	PASS
	Vupore.	DBP	N.A.	N.D.	inpo Hek
	ek Anbotek	BBP	N.A.	N.D.	- day
	otek anbotek	DEHP	N.A.	N.D.	upp. ak
	notek anbott	DIBP	N.A.	N.D.	Anholis
Ofen	Ann Botok Ant	Pb	BL	/	Pupp
	Vupo.	Cd	LOD	De Lay	motek An
	Vupo.	Hg Arthore	Ann BL nhotel	Puph,	Water.
Ambol	ak Vupore	Cr(Cr(VI))	BL.	ek Noore	Ann
44	Chip audion	Br(PBBs&PBDEs)	A ^{MD} BL	notek / Anbote	PASS
	abotek Antiote	DBP	N.A.	N.D.	Ambo
	Anii	BBP	N.A.	N.D.	Yok Vipo
	Yun Viek	DEHP	N.A.	N.D.	abolek An
	Ann	DIBP	N.A.	N.D.	abotok.
Amboli	Pun Fek	Pb March	BL Moot	PApp Pak	Polek.
k pol	otek Ambotek	Cd	BL	Sotek \Vinpor	Vu.,
	abotok Anboro	Hg	PBL 48%	abotek / Antole	A Mun
	anbotek Ahb	Cr(Cr(VI))	nboten BLobo	Anbo	ie. Vupa
45	Soldering tin	Br(PBBs&PBDEs)	N.A.	molek as	PASS
45	K Anhotek	DBP	N.A.	M NOTON.	anbotok
		BBP	N.A.	Any Make	anbotek.
	otek Anboto	DEHP	N.A.	John Anna vek	a aborek
	upotes Aupos	DIBP	N.A.	abotek / Anbote	N Pile





Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 18 of 29

Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
by.	lex Autores	Pb	BL	1	
Aupo	atek sabatek	Cd	LOD	Jet I subotak	Vupo.
ek Ai	los dell subote	Hg	BLoter A	nbo sek / made	k Vuloja
potek	Aupon Alex	Cr(Cr(VI))	atek BL mbotek	Anbox / A	otok Anho
46	Chip capacitor	Br(PBBs&PBDEs)	And BL march	Pupor Vi	PASS
, abolek	Aupore b	DBP	N.A.	N.D.	inp. dek
by.	ek Anboten	BBP	N.A.	N.D.	- also
SK VI	actek Anbotek	DEHP	N.A.	N.D.	"upo" - ok
P.03	notek ambotel	DIBP	N.A.	N.D.	Anhorn
Ole	And stak and	Pb	BL	1	Aupo
Anbotak	Anbo rek	Cd Cd	LOD	De Lak	abotek Ani
Anbolek	Vispo.	hote ^k Hg _{kr} hote	BL Sittotal	Mupo,	notek
- abol	ek Anbore	Cr(Cr(VI))	BL	ek Woon	Vur. Wek
47	Blue PCB board	Br(PBBs&PBDEs)	X	N.D.	PASS
100	hotek Antiotes	DBP	N.A.	N.D.	Pupo.
otek .k	MOTOR ANDE	BBP	N.A.	N.D.	Tak Vilpar
anbotek K	Aun stek	DEHP	Hotel N.A. Anboto	N.D.	ibolek Ant
Aupoton	Man year	DIBP	N.A.	N.D.	hotak

Note:

- The screening results are only used for reference.
- When conducting the test for PBBs&PBDEs, XRF was introduced to screen Br Exclusively; When conducting the test for Hexavalent Chromium, XRF was introduced to screen Chromium exclusively.
- -BL = Under the XRF screening limit
- -OL = Further chemical test will be conducted while result is above the screening limit
- -X= The symbol "X" marks the region where further investigation is necessary
- -LOD= Detection limit
- -MDL = Method Detection Limit
- -N.A. = Not Applicable
- -N.D. = Not Detected (<MDL)
- -/=Not tested
- -mg/kg = ppm = parts per million
- μg/cm² = microgramme per square centimetre

Shenzhen Anbotek Compliance Laboratory Limited



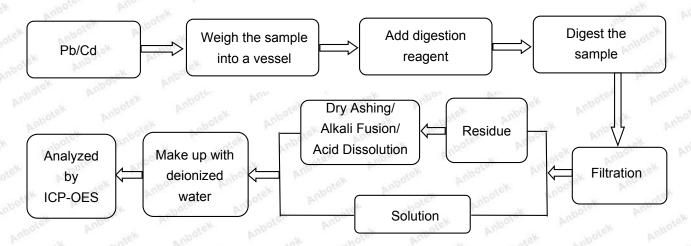


Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 19 of 29

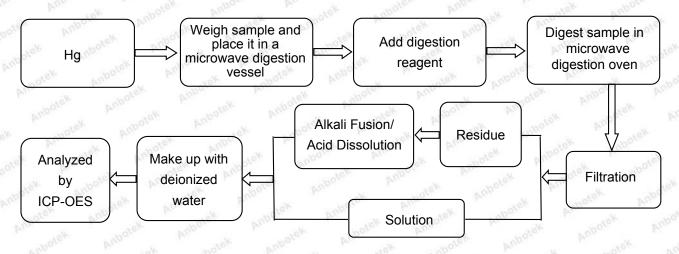
- -Negative = Absence of Cr(VI), the detected Cr(VI) concentration in the boiling water extraction solution is less than $0.10ug/cm^2$.
- -Positive = Presence of Cr(VI), the detected Cr(VI) concentration in the boiling water extraction solution is equal to or greater than 0.13ug/cm².

Test Process:

◆ IEC 62321-5:2013



♦ IEC 62321-4:2013+AMD1:2017

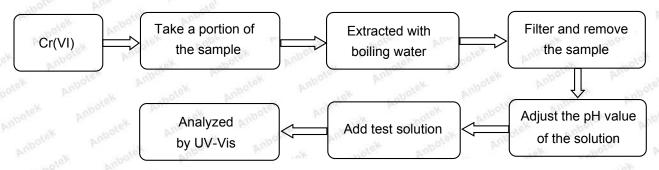


Shenzhen Anbotek Compliance Laboratory Limited

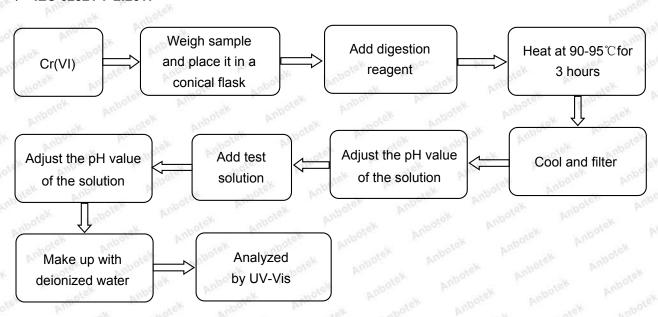




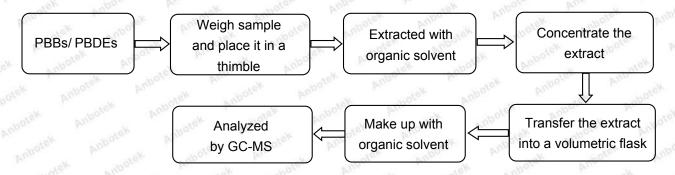
Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 20 of 29



IEC 62321-7-2:2017



IEC 62321-6:2015



Shenzhen Anbotek Compliance Laboratory Limited

AB-RHS-03-a

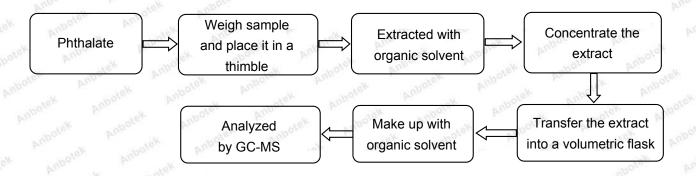


Address: East of 4/F., Building A., Hourui No.3 Industrial Zone, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China



Date: May. 25, 2019 Report No.: SZARR190513018-01 Page 21 of 29

IEC 62321-8:2017



Photograph of Sample





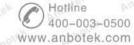
Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 22 of 29

Photo(s) of the tested component(s)





Shenzhen Anbotek Compliance Laboratory Limited





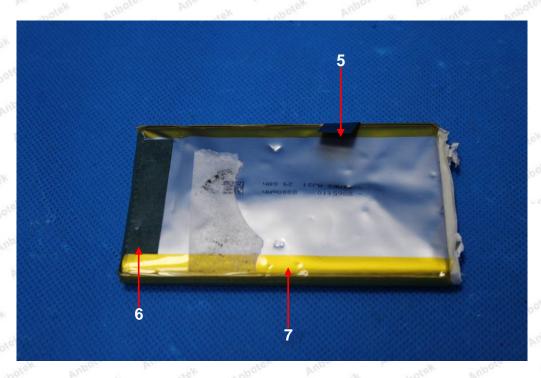
Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 23 of 29

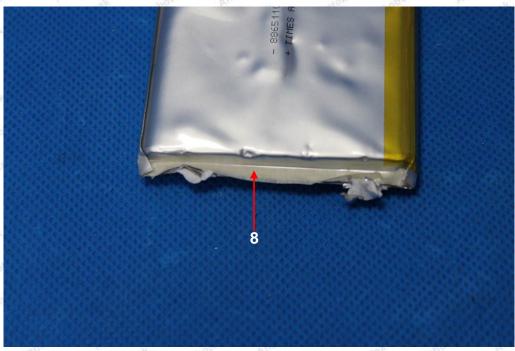






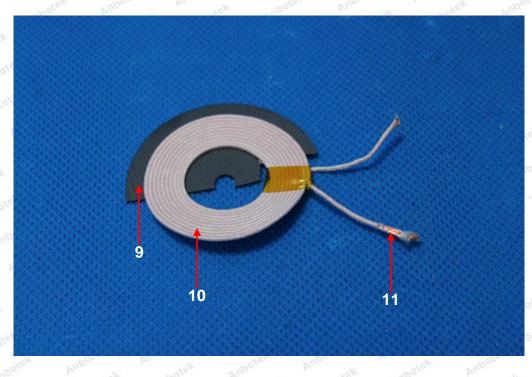
Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 24 of 29

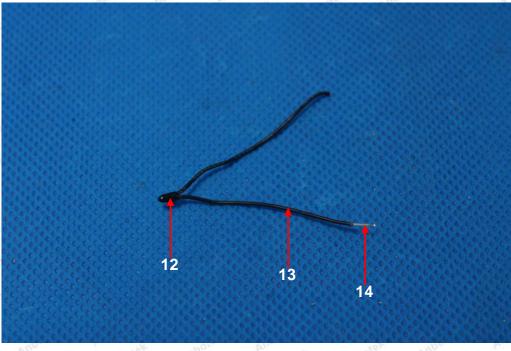






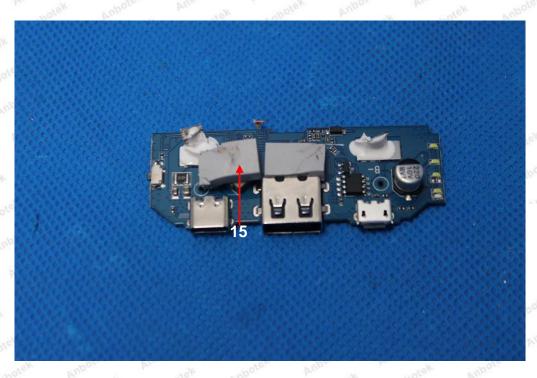
Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 25 of 29

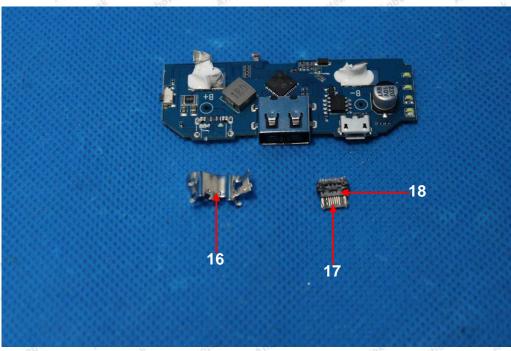






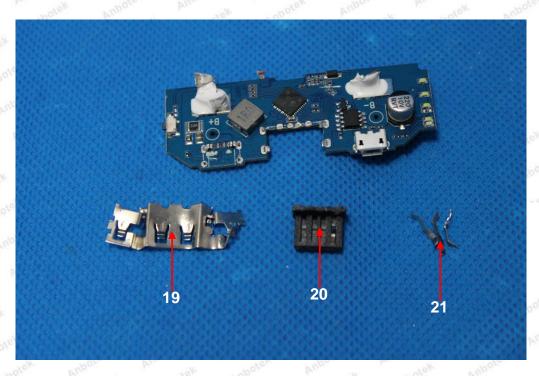
Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 26 of 29

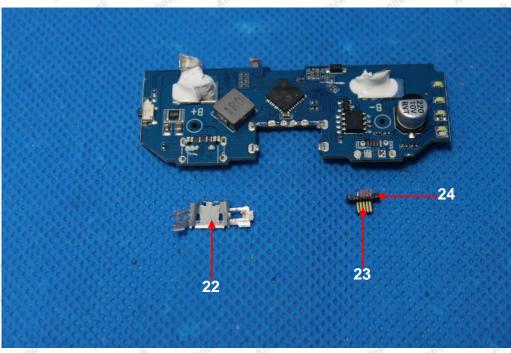






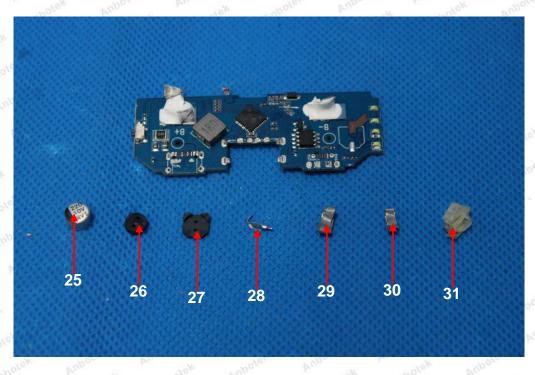
Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 27 of 29

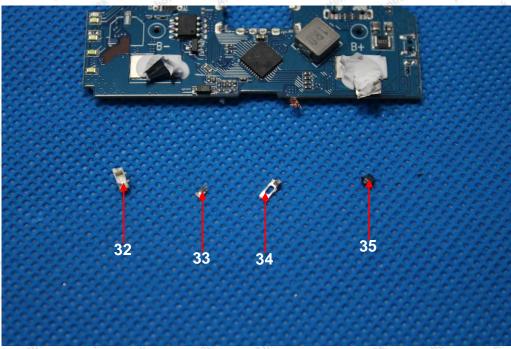






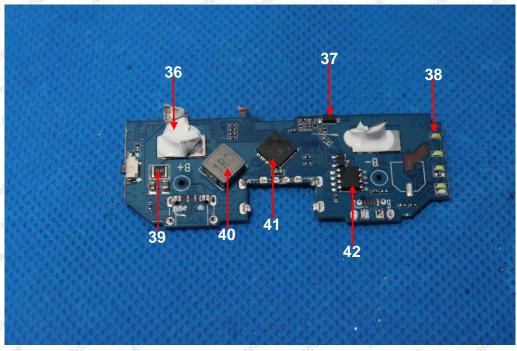
Report No.: SZARR190513018-01 Date: May. 25, 2019 Page 28 of 29

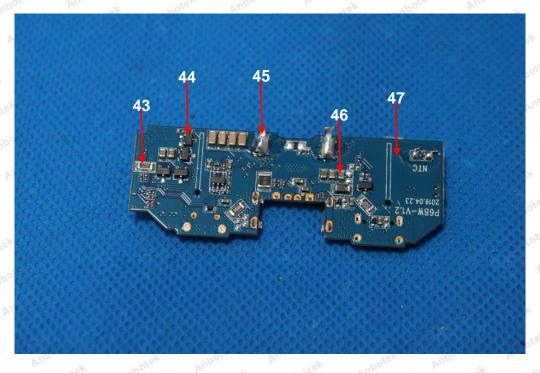






Date: May. 25, 2019 Page 29 of 29





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

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of Anbotek, this report can't be reproduced except in full.

Shenzhen Anbotek Compliance Laboratory Limited

