

Report No.: SZARR190505010-01

### Test Report

Client Name

Address

Wireless Power Bank 5000mAh **Product Name** 

May. 20, 2019 Date

### **Shenzhen Anbotek Compliance Laboratory Limited**



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**Applicant Address** 

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

of the client

Sample Name Wireless Power Bank 5000mAh

SW50, P324,58 Model No.

Manufacturer

Trade Mark **U-Angel** 

Sample Received Date May. 05, 2019

Testing Period May. 05, 2019 to May. 15, 2019

**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

Compliance Laborate

Approved by

**Anbotek** 

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

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

Shirong Yao Test engineer Leo Li

Authorized signatory

Shenzhen Anbotek Compliance Laboratory Limited

AB-RHS-03-a

Reviewed by



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#### **Test Method:**

### A. XRF Screening Test

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

Element	Limit of IEC 62321-3-1:2013 Unit (mg/kg)					
	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 &lt;(1300+3σ)≤OL</x 	BL≤(700-3σ) <x &lt;(1300+3σ)≤OL</x 	BL≤(500-3σ) <x &lt;(1500+3σ)≤OL</x 			
Hg	BL≤(700-3σ) <x &lt;(1300+3σ)≤OL</x 	BL≤(700-3σ) <x &lt;(1300+3σ)≤OL</x 	BL≤(500-3σ) <x &lt;(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	Yes Vuon	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	Amboton Amb	2 mg/kg	1000 mg/kg
11 1 Ol O - 0 / ()	IEC 62321-7-1:2015	11)/1/10	0.10µg/cm <sup>2</sup>	mboker ka
Hexavalent Chromium Cr(VI)	UV-VIS IEC 62321-7-2:2017		2 mg/kg	1000 mg/kg
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	notek 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	Anbotek A	50 mg/kg	1000 mg/kg

Shenzhen Anbotek Compliance Laboratory Limited

AB-RHS-03-a





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### Test Results:

Sample No.	Sample Description	Tested Items	XRF Screening Test	Chemical Test Unit (mg/kg)	Conclusion
Pup.	Hatada No.	Pb	BL	/	10/6
	loon Air	Cd	BLoter A	Albert / Programme	N Antodon
	Anbore Ans	Hg	BL Hotek	Pupor / Bur	dek enpol
	Anboto An	Cr(Cr(VI))	Maria BL Morell	Andore An	216/
Anbotek Anbotek	Grey plastic	Br(PBBs&PBDEs)	X X	N.D.	PASS
	shell	DBP	N.A.	N.D.	Anbor
	atek Anbotek	BBP	N.A.	N.D.	Anbote
	arak sapote	DEHP	N.A.	N.D.	Pupoto
	Antro tok At	DIBP	N.A.	N.D.	otali Ambol
abolah	Vilpan Ke	Pb	key BL abotek	William branch	otak pr
	Ambolo	Cd	BL BL	period 1	up. west
	ik Wilhola.	Hg	Anton BL	ex Noote	Anbo sek
	otok anboton	Cr(Cr(VI))	MID BL	ntole / Anboles	Aupor Cak
2	Black plastic	Br(PBBs&PBDEs)	No.	N.D.	PASS
	shell	DBP	N.A.	N.D.	ray Propo
	Vup	BBP	N.A.	N.D.	solek pri
	Puppon Park	DEHP	N.A.	N.D.	notal.
	W. Willours	DIBP	N.A.	N.D.	Vun Stok
· pull	otek Anbot	Pb	BL N	otek / Anhora	Prins.
	"Hotek Pubote	Cd	BL	"alek   Vipole	Parithus
	Antiotok Antick	Hg	nontale BLoboth	Marion Marion	Tek Yupor
	Pipp.	Cr(Cr(VI))	BL Kilbates	Plant Park	marak Ani
M3 01.0 K	Black plastic key	Br(PBBs&PBDEs)	Manager X Authorian	N.D.	PASS
	stek Vupolek	DBP	N.A.	N.D.	No. motely
	otek Vupor	BBP	N.A.	N.D.	Amofek
	abatek Anhote	DEHP	N.A.	N.D. Maria	Pun.
	notel Antic	DIBP	N.A.	N.D.	ak Anbate

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Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
P2.	ok supoter	Pb	BL	/	
	atek sabatek	№ Cd	BL	/	30/0
	las melk sobote	Hg	BLOGE A	in I want	k Miloton
	Artibo A.	Cr(Cr(VI))	BL Maler	Ambo /	otek kupo
Anto 4 all	Black plastic sticker	Br(PBBs&PBDEs)	BL MOTOR	Bulgas / Pro	PASS
	200 m	DBP DBP	N.A.	N.D.	unib stay.
	ak kupotak	BBP	N.A.	N.D.	Anbo
	otek Anbotek	DEHP	N.A.	N.D.	Aupor
	-otek supote	DIBP	N.A.	N.D.	Pupole
1010	Arm Hotok Arth	Pb	BL <sub>10016</sub>	Pulpe Pal	Step. William
	Muga.	Cd	BL ATBOLEN	Address /	motok kr
	Anbo, b	Hg Market	BL Model	100/	"alek
	ak Aubora	Cr(Cr(VI))	BL,	No.	Pur otsk
5	Black foam pads	Br(PBBs&PBDEs)	BL BL	HOTOR / AMBORE	PASS
	spotes, Vupoje,	DBP	N.A.	wotel N.D. antiote	Aupr
	An-	BBP	N.A.	N.D.	rak hugo,
	Von	DEHP	N.A.	N.D.	sporter but
	PUR.	DIBP	N.A.	N.D.	- Madalak
AUD OF	Pages 184	Pb No.	BL	D. M.	he holek
	otek Pupole,	Cd	BL	otek /kubo	Ven.
	abotok Anbore	Hg	BL	abolek / Anbolt	P2,00
	Vallatok Anbo	Cr(Cr(VI))	ntotale BLobo	Autora Maloda	le. Yupa
6	Yellow gummed	Br(PBBs&PBDEs)	BL Kilbon	100	PASS
Ambotak	paper	DBP	N.A.	N.D.	anhotak
	Anu motek	BBP MINISTER	N.A.	N.D.	VUPOFRA.
	otek Mupoles	DEHP	N.A.	N.D.	P. Spotek
	abaten Anhos	DIBP	N.A.	N.D.	A Printer



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Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
P2.	ok antioten	Pb	BL	/	.3%.
	atek satatek	№ Cd	BL	/	10/10
	las tek sopol	Hg	BLater A	Alle I want	k Majora
	William Branch	Cr(Cr(VI))	BL andler	Milhon	otox pupo
7° K	White plastic light guide plate	Br(PBBs&PBDEs)	BL BL	Pupor V	PASS
	light guide plate	DBP	N.A.	N.D.	Cup Stay
	ak Pupoteu	BBP	N.A.	N.D.	Anbo
	solok Anbolek	DEHP	N.A.	N.D.	Robos
	-otak supoti	DIBP	N.A.	N.D.	Vulnoy,
0.0	Aria wolck Art	Pb	BL BL BL	Public Park	otek Anbo
	Pupp. 18k	Cd	BL ATHOLEN	Auton / Na	motok pr
	Ambo	Hg Maria	BL Model	pulled I	watek.
	ok Pupore	Cr(Cr(VI))	BL BL	ex Noor	Ann
8	Black plastic jacket	Br(PBBs&PBDEs)	BL BL	HOTOE / ANDORES	PASS
	jacket	DBP	N.A.	N.D.	Pupp
	An-	BBP	N.A.	N.D.	ray bugo
	Var.	DEHP	N.A.	N.D.	spotek Pu
	Anth	DIBP	N.A.	N.D.	- Magtal
No drug	PLID.	Pb No.	BL	er Man	Profess.
	otek Anbote	Cd	BL	Jotek \Vipos	bear.
	apotok Aupors	Hg	BL	abolek / Anbole	P.J.m.
	Anbi	Cr(Cr(VI))	Hantelle BLubon	Maroda Maroda	Ter. Pupa
9	Silvery metal cable core	Br(PBBs&PBDEs)	N.A.	and of the same	PASS
Ambolek Ambolek	cable core	DBP	N.A.	A Joseph	snhotek
	No. No.	BBP	N.A.	Pul stay	A TOOLS
	otek Vupote,	DEHP	N.A.	later Venan	A STORES
	abalen Anbac	DIBP	N.A.	Spalak   Malas	part of

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Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
200	lek anhotes	Pb	BL	/	
Aupo	notek Anbotek	Maria Cd	BL	/	70/0
e <sub>k</sub> by	lade Net	Hg	BLoter A	ADD TO THE TOTAL	k Pupotes
olak	Pupper New No.	Cr(Cr(VI))	BL attores	Muho. T	otek supo
10	Red plastic jacket	Br(PBBs&PBDEs)	BL BL	Pupas / Pro	PASS
Anbotek	VD.,	DBP	N.A.	170	utak.
Anbo	ex Pupoley	BBP	N.A.	N.D.	Anbo
k bu.	solok anbolek	DEHP	N.A.	N.D.	Aupo, ak
P.20	-otak vipote	DIBP	N.A.	N.D.	Pupole
0.0	Plus Polok Vill	Pb	BL BL	Pulp Tol	otak Pupo,
anbotak.	Anbo Jak	Cd	BL ANDOLON	Auton /	anglak po
Puparak	Aupo	Hg Maria	BL Model	Pupol	water.
today	he Aubore	Cr(Cr(VI))	BL BL	er Noor	PULL
11	Silvery metal	Br(PBBs&PBDEs)	N.A.	HOTOE / ANDORE	PASS
377.	screw	DBP	N.A.	motel / antiote	Plupin.
340 K	Ann applek Anh	BBP	N.A.	Am dely anti-	ray Mugo,
nbotek u	Von	DEHP	N.A. Arthore	Pun Yak	abolek pri
Ambatan	Antio	DIBP	N.A.	Pauls 1	- Madal
Aupoli	otek Anbotek	Pb Annothing	BL	er Man	he hallok
n'il	Orek Pupote el	Cd	BL	Pupper   Vupper	Vu.
lek	obotok Anbois	Hg	BL	abolek / Anboli	P2,00
101	anatak Anbi	Cr(Cr(VI))	BL <sup>ibo</sup>	Major Anbr	ren Yupa
12	White hot melt adhesive	Br(PBBs&PBDEs)	BL Made	and lake	PASS
12	auriesive	DBP	N.A.	N.D.	Kapatak
Anhote	Ann wolek	BBP	N.A.	N.D.	Pupotak.
Pup	otek Pupote,	DEHP	N.A.	N.D.	P. Applek
lak.	apales Pupor	DIBP	N.A.	N.D. Antio	P. P.



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Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
P3.	ok anhoten	Pb	BL	/	.3%.
Aupo	atek sabatek	<u></u> Cd	BL	/	10/0
8 <sub>A</sub> 1 <sub>P,2</sub>	lade Nets	Hg	BLOGE A	1	k pubola
olek	Aribon Mr.	Cr(Cr(VI))	BL Maler	Mupo. 1	otak pupo
13	Silvery metal shell	Br(PBBs&PBDEs)	N.A.	Prigar   Pri	PASS
Anbotek	VID	DBP	N.A.	Prop Lynn	Cup. of ak
P. Vupo	ak Antiolek	BBP	N.A.	I'm Vipore	Anbo
h	totak Anboten	DEHP	N.A.	worldk / amboron	Napor - ok
p.5	-otek supoti	DIBP	N.A.	week / subole	Vulnoy,
ore	Ann androx Ant	Pb	Hatel BL Noote	Pulsa 194	otek Anbo
inbotak	Anbo Jak	Cd	BL Antioles	Althor /	anglek pr
Pupatak	Anbo	Hg	BL Model	100/	watek.
Anbol	Pr. Pripore	Cr(Cr(VI))	BL,	Noor	Anti
14	Black inner plastic	Br(PBBs&PBDEs)	BL BL	HOTOR / Ambore	PASS
9000	plastic	DBP	N.A.	N.D. Maria	PUDI
ACO.	Ann toples Anb	BBP	N.A.	N.D.	ray bugo
Notatin	You	DEHP	N.A.	N.D.	spotek Pu
Anboton	Anthon	DIBP	N.A.	N.D.	- Magtal
Modul	New Year	Pb No.	BL	P. Jan	Profess.
ling.	otek Anbote	Cd	BL	otek Vipos	bear.
10/	abotok Anbors	Hg	BL	abolek / Anbolo	P.J.
101	abotok Anbi	Cr(Cr(VI))	ntotal BL	Margary Anbr	les Yupa
15	Pin	Br(PBBs&PBDEs)	N.A.	10%	PASS
Ambotek	w motely	DBP	N.A.	Am / New	sabolok
Aupote	Ann	BBP	N.A.	10 A	and of the
Pup	oter. Vupp.	DEHP	N.A.	later Wage	Po applek
, ak	opoles Vupor	DIBP	N.A.	70019 1 FURD	Port and



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Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
200	lek autoten	Pb	BL	/	.3%.
Aupo	atek sabatek	Cd	BL	/	10/0
B <sub>F</sub> P <sub>A</sub>	lan yak napat	Hg	BL <sup>oter</sup>	1	k pubola
olek	Anbo ak	Cr(Cr(VI))	dek BL andlek	Mupo. 1	otak pupo
16	Silvery metal shell	Br(PBBs&PBDEs)	N.A.	Prigar   Pri	PASS
Augolek	VID	DBP	N.A.	Prop Lynn	Cup. of ak
Anbo	ex Antiolek	BBP	N.A.	IK Vipose	Aupro
k bu.	totals Anbotan	DEHP	N.A.	worldk / amboron	Napor - ok
P.20	-otek anbott	DIBP	N.A.	week / subole	Vulnoy,
olo.	am wolck An	Pb	BL <sub>100</sub> 100	Pulsa 194	otek Anbo
upotak.	Vupp. I'ck	Cd	BL Antioles	Althor /	anglek pr
Puparak	Ambo	Hg	BL Minoral	100/	watek.
Anhol	the bulborn	Cr(Cr(VI))	BL	Noor	Anti
17	Black inner plastic	Br(PBBs&PBDEs)	BL BL	HOTOR / Ambore	PASS
ya.	plastic	DBP	N.A.	N.D. Antion	PUDI
	Arra dotek Anb	BBP	N.A.	N.D.	ray bugo
nbatek u.	Vo.	DEHP	N.A.	N.D.	spotek Pu
Amboton	Anthur	DIBP	N.A.	N.D.	- Magtal
NO UITA	Na.	Pb No.	BL	es Man	Profess.
nn's	otek Anboten	Cd	BL	otek Vupos	bear.
tel.	mbotok Ambots	Hg	BL	abolek / Anbolo	P.J.
101	anatak Anbi	Cr(Cr(VI))	BL <sup>DD</sup>	Majorak/	Ter. Pupa
18	Silvery metal shell	Br(PBBs&PBDEs)	N.A.	1000	PASS
18	M. SHEII	DBP	N.A.	A Joseph	sabolak
Anhote	Name of the	BBP	N.A.	P.J. stek	A TOOLS
$\rho n^0$	otek Vupote,	DEHP	N.A.	lates Venon	A STORES
ak.	opales Vupos	DIBP	N.A.	STORIES / ATHOU	part of



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Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
P.S.	ok antiotes	Pb	BL	/	.3%.
	atel <sup>4</sup> Sabatel <sup>4</sup>	Cd	BL	/	10/0
	lar tell in oppi	Hg	BLOGE A	in I want	A Pulpoja
	Anbo ak	Cr(Cr(VI))	BL Maler	Pulpor 1	otak enbe
19	Grey inner plastic	Br(PBBs&PBDEs)	ACM BL MOTOR	Bulgar / Pro	PASS
	V00	DBP	N.A.	N.D.	Sup stay
	ak Vuporek	BBP	N.A.	N.D.	Anbo
	solek Anbolen	DEHP	N.A.	N.D.	Nupor - ok
	-otak supoti	DIBP	N.A.	N.D.	Vulnoy.
O. C.	Ann tolok Ani	Pb	Hately BLippin	Pulsa Pul	otek Pupo
	Paupon Inc.	Cd	BL Antioles	Matter 1	motor. pr
	Ambo	Hg Maria	BL Model	100/	matek.
	Author wik	Cr(Cr(VI))	BL,	No.	Ann otek
20	White plastic frame	Br(PBBs&PBDEs)	BL	HOTOR / AMBORE	PASS
	manne Anthone	DBP	N.A.	wotel N.D. antiote	PUDI
	Arr. anotek Anto	BBP	N.A.	N.D.	ray bugo
	Var.	DEHP	N.A.	N.D.	Polek Vi
	Anthon	DIBP	N.A.	N.D.	- Madeal
Nodina .	Palo.	Pb N	BL	or Man	Profess.
	otek Anbote	Cd	BL	otek /kupo.	bear.
	abotek Anbore	Hg	BL	abolek / Anbolt	P.J.m.
	Dialok Anb	Cr(Cr(VI))	ntotal BLobo	Paradak/	res. Pup.
21	Black plastic button	Br(PBBs&PBDEs)	BL Kilbon	100	PASS
Ambolak	Dullon	DBP	N.A.	N.D.	Kabolok
	Kup. Wey.	BBP	N.A.	N.D.	and of the
	otek Aupote	DEHP	N.A.	N.D.	Po applek
	opoles, Vupor	DIBP	N.A.	N.D. Maria	Para Maria



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Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
200	lek autoten	Pb	BL	/	36
Aupo	atek sabatek	Cd	BL	/	10/0
8 <sub>t</sub>	lan yak napat	Hg	BL <sup>oto</sup>	about 1 month	k pubola
olek	Pupper Br.	Cr(Cr(VI))	BL notes	Muho /	otok supe
22	Silvery metal	Br(PBBs&PBDEs)	N.A.	Prigor   by	PASS
Aupolek	frame	DBP	N.A.	MUD Lea	Cup. of ak
Anbol	ex Antiolek	BBP	N.A.	I'm Thore	Anbo
b. 50.	totals Anbotan	DEHP	N.A.	worldk / amborom	Kapar - ak
P20	-otek Autor	DIBP	N.A.	mak / mpote	Vuhoy.
0.0	arm wolck Ant	Pb	BL <sub>10010</sub>	Pulps 101	Diek Pupo
inpotal.	Puppo, 18k	Cd	BL MINORE	Auton /	abotek pr
Puparak	Ambo	Hg Made	BL apple	100/	matek.
today	The Pripore	Cr(Cr(VI))	BL	ex Noor	Vur Usk
23	Silvery metal	Br(PBBs&PBDEs)	N.A.	HOTOR / ANDORES	PASS
P-17	shrapnel	DBP	N.A.	cotell / sinkote	PUPL
ABY.	Ann toplek Anb	BBP	N.A.	Arra Vest	ray bugo
nbotek u.	Von	DEHP	N.A. Antioliu	Puln Tak	Palek M
Ambalan	Viene Stak	DIBP	N.A.	Pauls 1 *8/	- Madalak
Arribots	PLID.	Pb Million	BL	es Man	halok
nn's	Ofek Pupose	Cd	LOD	Poper \Vipa	brus.
Jell I	obotek Anbore	Hg	BL	abolek / Anbolt	P.J.
101	andrak Anb	Cr(Cr(VI))	ntonton BL <sup>nbo</sup>	Major Major	len Yupo
24	LED	Br(PBBs&PBDEs)	BL Magazin	A STATE OF THE STA	PASS
Aupora	W Notel	DBP	N.A.	N.D.	sabotok
Anhote	Ann otek	BBP	N.A.	N.D.	"Maroda"
Pup	otes. Vugan	DEHP	N.A.	N.D.	Po - ADDEEK
ak.	apales Vupor	DIBP	N.A.	N.D. Anbox	Pare



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Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
P2.	ok antioten	Pb	BL	/	
	atek sabatek	Cd Cd	BL	/	30/0
	lar Helk mobile	Hg	BL <sup>oter</sup>	about 1 month	r pupoter
	Vupo tak br	Cr(Cr(VI))	BL attores	Muho /	otek subo
25	Soldering tin	Br(PBBs&PBDEs)	N.A.	Pupas / Pro	PASS
	Pupate.	DBP	N.A.	MUD TO	'up, stak
	ak Autoten	BBP	N.A.	I'm Village	Aupo
	solok shooten	DEHP	N.A.	ntek / nabotok	Aupor
	_otek anbove	DIBP	N.A.	max / mpote	Pupoli
Joron.	Arm Motor And	Pb	BL incolor	Puber	otek Pupo,
	Pupo, sak	Cd	LOD	Mapa.	abotek an
	Vulous b	Hg	BL Hotek	2400	un alak
	ek Anboro	Cr(Cr(VI))	BL.	ex Nooren	MUDE
26	Yellow capacitor	Br(PBBs&PBDEs)	M <sup>O</sup> BL M	COLOR / AUDOLOR	PASS
	notely public	DBP	N.A.	N.D.	Vupp.
	Yun Vapter Yup.	BBP	N.A.	N.D.	ray Pugo,
	Van	DEHP	N.A.	N.D.	Bolek Pul
	Vuga.	DIBP	N.A.	N.D.	watan.
MIDOR	Prupar	Pb N	BL BL	er Magazin	hr.
	otek Anbotek	Cd	LOD	Soley Vepper	Ville.
	abotek Anbote	Hg	BL	-nalek / Anbole	POLICE.
	anotok Anbo	Cr(Cr(VI))	abotak BLibon	Marion Marion	les Yupon
27	Chip resistor	Br(PBBs&PBDEs)	BL Mapa	All Like	PASS
27	e Punpotek	DBP	N.A.	N.D.	- ahotek
		BBP	N.A.	N.D.	Majoresk.
	otek Vupote,	DEHP	N.A.	N.D.	All Majorek
	apalek Vupora	DIBP	N.A.	N.D.	P.Co.

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Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
Pos	ok antiotes	Pb	BL	/	.3%.
	atel <sup>k</sup> sabatel <sup>k</sup>	Cd	LOD	/	10/0
	ately and of	Hg	BL <sup>oto</sup>	in I want	k Magaza
	Anbo cak	Cr(Cr(VI))	BL andrew	Pupo 1	otek kupo
28	IC	Br(PBBs&PBDEs)	BL BL	Pupar V	PASS
	Anbala	DBP	N.A.	N.D.	July Stay
	ek Puporeu	BBP	N.A.	N.D.	Anbo
	otek anboten	DEHP	N.A.	N.D.	Robos
	_otek anbott	DIBP	N.A.	N.D.	Pupoy
0.0	Ann wolck Ani	Pb	BL BL	Euro, Park	otek Anbo
	Muppo. 18k	Cd	LOD	Piggs 1	anglek pr
	Ambo	Hg Made	BL abotek	1,400	matek.
	Authorn ak	Cr(Cr(VI))	BL No	ex Noor	Ann
29	Chip capacitor	Br(PBBs&PBDEs)	BL	HOTOR / AMBORE	PASS
	thotel Antiote	DBP	N.A.	N.D. Sinkota	Pupp
	Ann	BBP	N.A.	N.D.	ray bugo.
	Von	DEHP	N.A.	N.D.	spotek Pu
	Anthon	DIBP	N.A.	N.D.	- Magtal
Antrol	Vilo.	Pb Notes	BL	PADO	Profess.
	otek Pupore	Cd	LOD	Joles Vegas	bear.
	abotok Anbore	Hg	BL	abolek / Anbolt	P.J.
	abolok Anb	Cr(Cr(VI))	attorial BL	Publish Publi	les Yupa
30	Chip inductor	Br(PBBs&PBDEs)	BL Made	lake a	PASS
	v Pro.	DBP	N.A.	N.D.	sabolok
	V Vun	BBP	N.A.	N.D.	**************************************
	ole, Vuga	DEHP	N.A.	N.D.	Apple K
	apalek Pupor	DIBP	N.A.	N.D. Miles	N Pro-



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Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
P2.	ek antotek	Pb	BL	/	. W.
Anbo	atok sabatek	Maria Cd	LOD	/	10/0
8 <sub>A</sub> 12,	lan tak sabat	Hg	BL <sup>oter</sup>	No. 1 Total	A Pubola
oolek	Anbo ak A	Cr(Cr(VI))	BL and the	Pulpor 1	otek kupo
31	Chip audion	Br(PBBs&PBDEs)	BL BL	Proposition No.	PASS
Anbotek	Antion	DBP	N.A. Love	N.D.	'up
Pr. Vupo	ay Pupoles	BBP	N.A.	N.D.	Anbo
k Vu	solek anboten	DEHP	N.A.	N.D.	Aupor ak
, b2	-otek vupou	DIBP	N.A.	N.D.	Pupole
oro	Ame and Ant	Pb	BL BL	and and	otak Pupo,
rupofak **	Paupon Pak	Cd	LOD	Manage 1	motely ho
Pupatek	Anbor	Hg	And JeBL Hotel	100/	in alak
Anhot	ale Ambolio	Cr(Cr(VI))	BL	6x Noor	Pun Wek
32	Chip diode	Br(PBBs&PBDEs)	BL	Andrew / Andrew	PASS
ber.	shotely Ambole	DBP	N.A.	M.D. antiote	Plupin.
gen <sup>th</sup>	Arr.	BBP	N.A.	N.D.	tak Pugo,
nbotek w.	Von	DEHP	N.A.	N.D.	abolek pri
Amboton	Anthur stak	DIBP	N.A.	N.D.	Notak .
Mipoli	otek Anbotek	Pb Antion	BL	P. P. Park	h. "Polok
All	otek Aupote	Cd	BL	Joles \Vipor	My. matak
lek.	mbotok Ambots	Hg	BL	abolek / Anbolt	P2,00
10%	Anbi	Cr(Cr(VI))	attories BL <sup>ibo</sup>	Publish Public	ter. Yupa
33	Pink fabric	Br(PBBs&PBDEs)	Supplied BL Mapage	late and	PASS
33	jacket	DBP	N.A.	N.D.	Kahotek
Anhote	Y Man	BBP	N.A.	N.D.	anbotak.
pnb	otek kupote	DEHP	N.A.	N.D.	P. Spolek
lak.	opales Pupor	DIBP	N.A.	N.D. Maria	Pro-



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Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
P2.	ok anhoten	Pb	BL	/	
	atek sabatek	<u></u> Cd	BL	/	30/0
	lan Helk motore	Hg	BL <sup>oter</sup>	about 1 month	k Autorian
	Vulpon tak William	Cr(Cr(VI))	BL and the	Muho. 1	otek subo
34	Copper-colored metal cable core	Br(PBBs&PBDEs)	N.A.	Pupas / Pro	PASS
	metal cable core	DBP	N.A.	MUD TO	inp stak
	ay. Pupole	BBP	N.A.	I'm Timore	Anbo
	solok anbotek	DEHP	N.A.	natek / anhotok	Aupor
	_otek anbote	DIBP	N.A.	max / mpote	Pupole
Joro.	Arm Anth	Pb	Hately BLitages	Public To	Stay, Mapo,
	Pupo, rep.	Cd	BL Ambole	Address / Self	angrak pri
	Anbor	Hg	BL applex	Pupole	un alak
	ale Anborn	Cr(Cr(VI))	BL No	ex Woore	Mun
35	Magnetic sheet	Br(PBBs&PBDEs)	BL	HOTOR / ANDORES	PASS
	shotek Autores	DBP	N.A.	N.D. antiote	p.nbr
	Arra attores Antic	BBP	N.A.	N.D.	rak hugo,
	Von	DEHP	N.A.	N.D.	spotek bu
	Andreas	DIBP	N.A.	N.D.	- Madala V
Million	Pup.	Pb No.	BL	er PAn	h. Holok
	otek Pupore	Cd	BL	Pupor	Value.
	apotek Puppis	Hg	BL	abolek / Anboli	P2,00
	spotok Anbo	Cr(Cr(VI))	BL <sup>ibo</sup>	Major Anbr	ter. Yupa
36	Black plastic shell	Br(PBBs&PBDEs)	Supplied BL Kingson	and lake	PASS
36	SHEII	DBP	N.A.	N.D.	smotok
	Anu Mak	BBP	N.A.	N.D.	A GOOLSK
	otek Anbote	DEHP	N.A.	N.D.	Pr. Sportek
	apales Mapoe	DIBP	N.A.	N.D.	Pro-

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Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
P	ok anthotes	Pb	BL	/	
Anbox		Kall Cd	BL	/	10/6k
15g		Hg	otek Broger	NEW / MONEY	k pupolar
polek	Anbox Ar	Cr(Cr(VI))	dek BL andrek	Multiple 1	olek kupol
37	Silvery metal	Br(PBBs&PBDEs)	N.A.	pupos/ Ag	PASS
Augotek.	shell	DBP	N.A. N.A.	MUIN I	up. dak
Arribot.		BBP	N.A.	1/4 THOISE	Anbo
the but		DEHP	N.A.	Make / Matorok	Aupor
P.20		DIBP	N.A.	wat / wipote	Vulnoy.
3010	Ann bolok Ant	Pb	Hatel BLitagle	Eller To	otals Ambot
Anbotak **		Cd	BL model	Pages 1	abotek Ani
Puparak		Hg Anhote	BL Modes	perior 1	matek.
Anbolt	Anbore of	Cr(Cr(VI))	BL	ex Noor	Pur olek
38	White inner plastic	Br(PBBs&PBDEs)	X	N.D.	PASS
P.	piastic	DBP	N.A.	N.D.	brupe.
otok		BBP	N.A.	N.D.	tax bugor
anbotek	Van	DEHP	N.A.	N.D.	abolek Anl
Anbatan		DIBP	N.A.	N.D.	Najada.
Amboli	otek Ambotek	Pb Antion	BL	b App	by.
C AH		Cd	BL	Joles VVupor	Prus.
lek p		Hg	BL	abolek / Anbole	Physics Office
101	Anbatak Anbi	Cr(Cr(VI))	BL <sup>DD</sup>	worky kupo	Top Pup
39	Pin	Br(PBBs&PBDEs)	N.A.	and the said	PASS
39		DBP	N.A.	A Pundlek	supplak 1
Anbote		BBP	N.A.	Puly -rak	* upotak
prod		DEHP	N.A.	later leading	Najate k
Jak.		DIBP	N.A.	Sporter   Palpo	e Pur

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Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
P2.	lek anthotes	Pb	BL	/	16.
	potek sobotek	№ Cd	BL	/	10/0
	lan stell subple	Hg	BL <sup>oter</sup>	nibration / material	k kupoto.
	Pulpo, by	Cr(Cr(VI))	HER BL MOTER	Muho.	olok kubok
40	Black plastic line set	Br(PBBs&PBDEs)	BL BL	Pupar / Va	PASS
	500,00	DBP	N.A.	N.D.	Sup.
	ex Mupotek	BBP	N.A.	N.D.	Aupo
	solok snbotek	DEHP	N.A.	N.D.	Robot
	_otek supote	DIBP	N.A.	N.D.	Kupote
2010.	Arm Androk Arth	Pb	Hatel BLitage	Public Tol	tak Puppi
	Prupo, 184	Cd	BL Mole	Mann 1	anotek kut
	Anbor	Hg	BL applex	Pupol.	un atek
	Fr Pupote	Cr(Cr(VI))	BL 80	ex Woor	Ann
41	Black plastic	Br(PBBs&PBDEs)	BL	notek / Antroles	PASS
	jacket	DBP	N.A.	N.D.	Anbo.
	Ann anotek Antic	BBP	N.A.	N.D.	Yak Vugor
	Van.	DEHP	N.A.	N.D.	spolek Aut
	Victor Fax	DIBP	N.A. Anboton	N.D.	woday !
Arthor	Village WA	Pb Marian	BL BL	PA PA	the Park
	otek Anbotek	Cd Kanada	BL .v	Soley Vrupos	bear.
	abatak Anbais	Hg	BL	Holek / Anbolo	Prus.
	amatak Anko	Cr(Cr(VI))	attorial BLibe	worley Pupe	Ter Yupa
42	Copper-colored	Br(PBBs&PBDEs)	N.A. Maria	All Marie Contract of the Cont	PASS
4Z Artholek	cable core	DBP	more N.A. Ambour	Ame / Make	Kanotak A
	Nun Wek	BBP	N.A.	Prop ray	abotak.
	otek Yupole.	DEHP MINOR	N.A.	lates Village	Pr. Coptex
	opolek Pupor	DIBP	N.A.	Major / Major	Page Make

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Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
P2.	olok antiotek	Pb	BL	/	36.
	atok sabatek	Cd	BL	/	10/0
	lan tak sabat	Hg	BL <sup>oter</sup>	No. 1 month	k bulbola
	Pupper Pr	Cr(Cr(VI))	dek BL andlek	Mupo. 1	otok supe
43	Red plastic jacket	Br(PBBs&PBDEs)	BL BL	Prigor   by	PASS
	- CD	DBP	N.A.	N.D.	Cup. of ak
	ak Anbotak	BBP	N.A.	N.D.	Aupa
	solek Anbolek	DEHP	N.A.	N.D.	Napor - ok
	-otek supoti	DIBP	N.A.	N.D.	Vulnoy.
O.C.	Ann Hotek Ant	Pb	BL potes	Pulp Pal	otek Anbo
	Viupa I ak	Cd	BL Antioles	Million / Walt	angrek pr
	Anbo	Hg	BL Minoral	p.mo/	water.
	Vir Vilhora	Cr(Cr(VI))	BL BL	ex Noor	Anti
44	Black plastic shell	Br(PBBs&PBDEs)	BL BL	HOTOK / ANDORES	PASS
	Sileli Muhale	DBP	N.A.	N.D. antiote	Pupi
	Arrabtek Anti	BBP	N.A.	N.D.	ray Pugo
	Von	DEHP	N.A.	N.D.	Palek Vi
	Voga-	DIBP	N.A.	N.D.	- Magtal
ariboti	Palo.	Pb No.	BL	es Man	And loke
	otek Anbote	Cd	BL	Poper Vepa	boun.
	abotek Anbore	Hg	BL	abolek / Anbolt	P.J.
	androk Anb	Cr(Cr(VI))	BL <sup>DD</sup>	Major Major	les Yugo
45	Black inner	Br(PBBs&PBDEs)	BL Manage	A STATE OF THE STA	PASS
45	plastic	DBP	N.A.	N.D.	sabotok
	Nun West	BBP	N.A.	N.D.	abotak.
	otek kupote	DEHP	N.A.	N.D.	Po - ADDEEK
	opolek Pupor	DIBP	N.A.	N.D. Anbox	Pro-



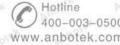
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Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
P).	lok Anboten	Pb	BL	/	1/2
Mupo	atak sabatak	™ Cd	BL	/	30/0
let M	lander reput	Hg	BLOTO A	about 1 manage	r pubolo
bolek	Vupo tak br	Cr(Cr(VI))	dek BL abotek	Muho /	otek snbot
46	Pin	Br(PBBs&PBDEs)	N.A.	Prigor   by	PASS
, dolek	Aupare	DBP	N.A. Lotel	MUD Lea	'U.B.
by	ak Aupolen	BBP	N.A.	In Photos	Anbo
ek Anbo	aglak anaglak	DEHP	N.A.	ntek / mbotok	Rahor
P.2	atek supote	DIBP	N.A.	atodes   Year	Vupor.
00/0	Rine Make a still	Pb	BL <sub>ntotot</sub>	Pulps 10	otals Pupor
ambolak	Anbo sak	Cd	neak BL amboken	Address 1	motels and
sabatak.	Anbor	Hg	ALTO TE BL THOTES	100/	un alek
today	Pripore	Cr(Cr(VI))	BL MO	ex Noor	Vuly Wek
47	Silvery metal	Br(PBBs&PBDEs)	N.A.	COLON / PURPOSE	PASS
- K	shell	DBP	N.A.	notek / sinkoha	Vupp.
Appen.	Mun.	BBP	N.A.	the Male and	ray Pullots
Anbotek .w	Vunn.	DEHP	N.A.	Mun Yok	bolek Anti
Ambatak	PUDO - OF	DIBP	N.A.	Man A	wolay s

#### 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/cm<sup>2</sup> = microgramme per square centimeter

AB-RHS-03-a



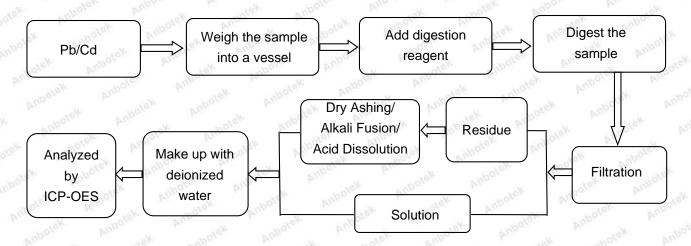


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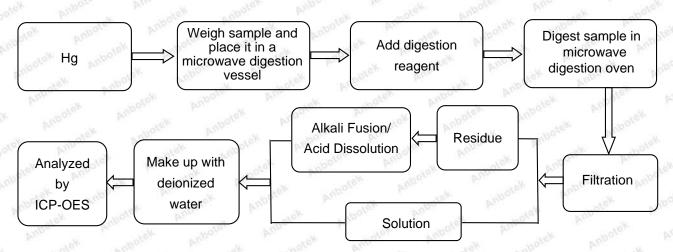
- -Negative = Absence of Cr(VI), the detected Cr(VI) concentration in the boiling water extraction solution is less than  $0.10ug/cm^2$ .
- -Positive = Presence of Cr(VI), the detected Cr(VI) concentration in the boiling water extraction solution is equal to or greater than 0.13ug/cm<sup>2</sup>.

#### **Test Process:**

#### IEC 62321-5:2013



#### ♦ IEC 62321-4:2013+AMD1:2017



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AB-RHS-03-a

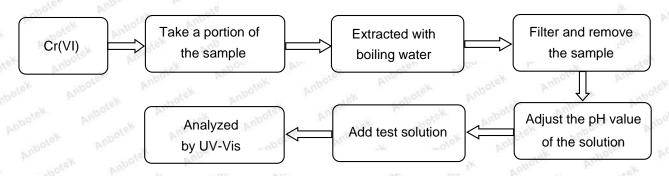




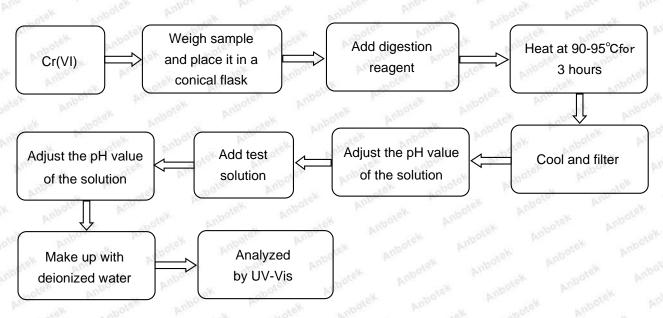


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#### ♦ IEC 62321-7-1:2015



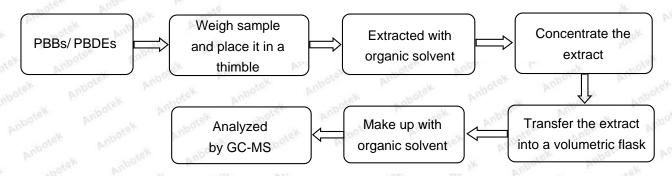
#### ♦ IEC 62321-7-2:2017



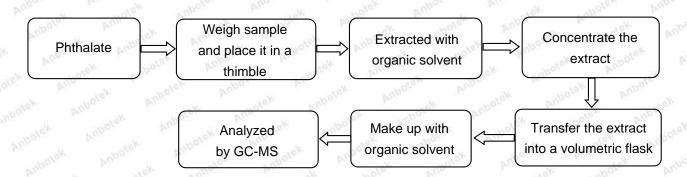


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#### ◆ IEC 62321-6:2015



#### ♦ IEC 62321-8:2017



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**Photograph of Sample** 





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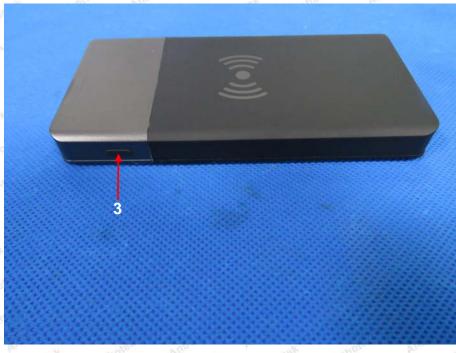




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Photo(s) of the tested component(s)

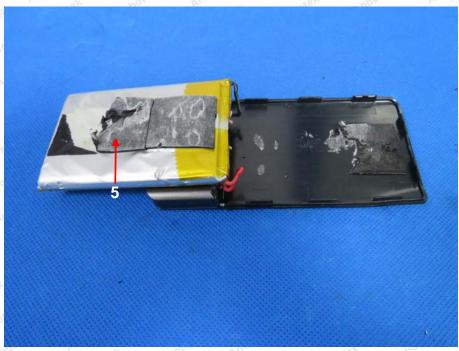






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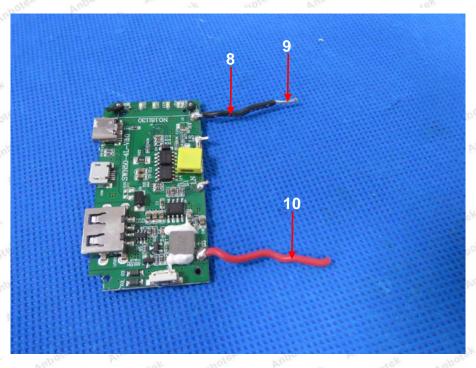
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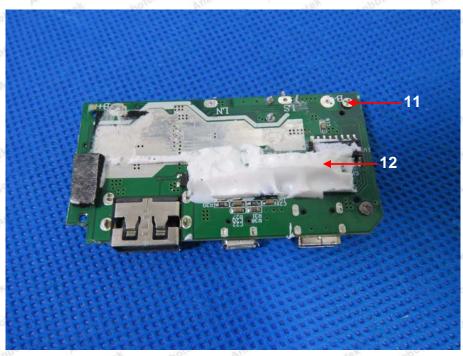






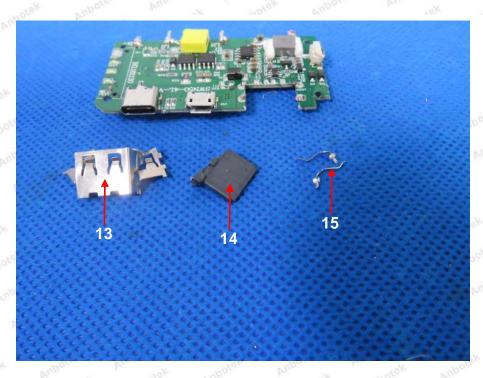
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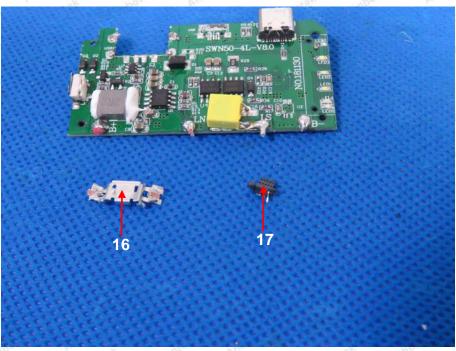






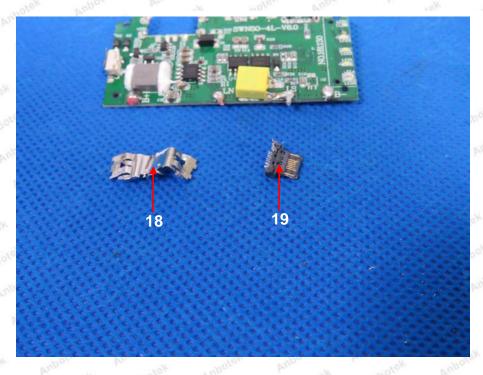
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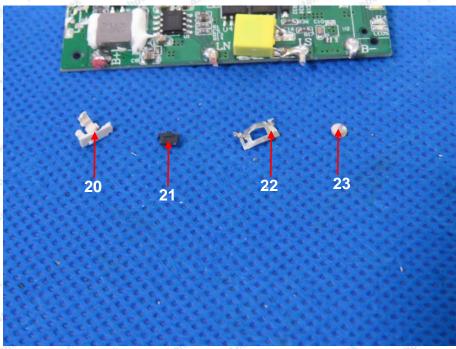






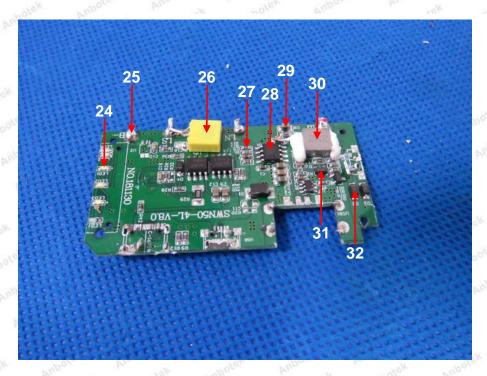
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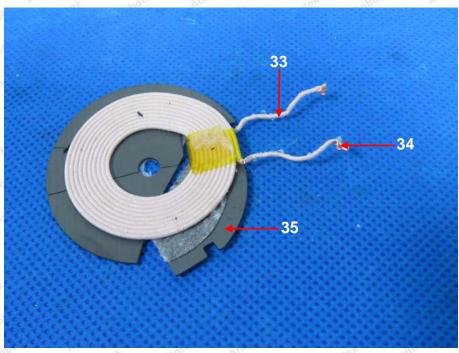






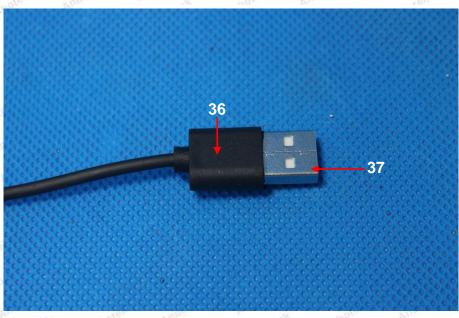
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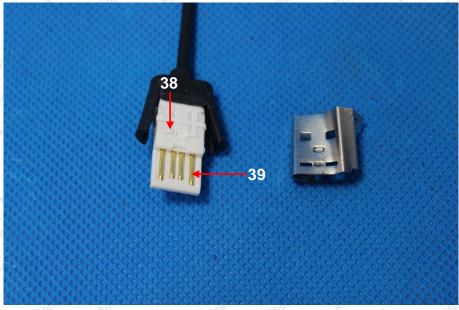






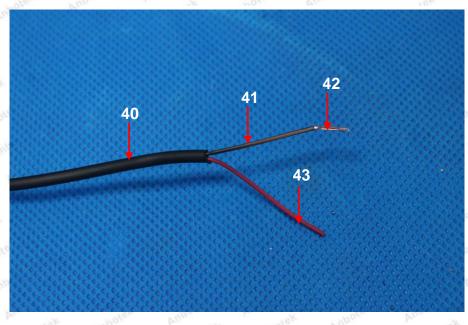
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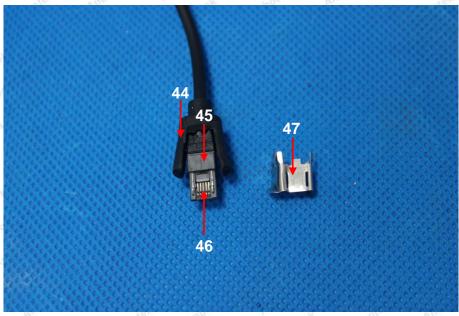






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End of Report \*

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