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TESTREPORT

Applicant: Address: Flashbay Electronics Building2 ,Jixun Industrial Park ,Xinjiao ,Dong'ao Village ,Shatian Town ,Huiyang District ,Huizhou City , Guangdong Province,P.R.China

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

Sample name:	Wireless Chargers
Model:	Loop/LP
Manufacturer & Factory:	Flashbay Electronics
Address:	Building2 ,Jixun Industrial Park ,Xinjiao ,Dong'ao Village ,Shatian 🎺
	Town ,Huiyang District ,Huizhou City , Guangdong Province,P.R.China

 Sample No.:
 S241022030037

 Sample Received Date:
 2024-10-24

 Testing Period:
 2024-10-24~2024-11-26



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Test Requirement:

As specified by client, to determine the Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls(PBBs), PolybrominatedDiphenyl Ethers(PBDEs), Bis-(2-ethylhexyl) Phthalate (DEHP), Benzylbutyl Phthalate (BBP), Dibutyl Phthalate (DBP) and Diisobutyl Phthalate(DIBP)contents in the submitted sample(s) in accordance with RoHS Directive

Pass

Conclusion

AT EX IV

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

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

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

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Nina.Cor May Li

Reviewed by:

Luetta Mo

Approved by:

Compiled by:

Date:

2025-01-06



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Sample Description:

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Hill	No.	Sample name	Description		
	1		Blue plastic of shell		
4.	2		Gray plastic label with lettering (with glue) of shell		
	3		Gray rubber ring of shell		
	4		Transparent double-sided adhesive of shell		
	5		Blue rubber pad of shell		
	6		Silver metal screw of shell		
	7	1 Year	Silver metal shell of type-c interface		
THE THE	8	Power Banks	Black plastic of type-c interface		
	9		Metal plug pin of type-c interface		
	10		Green PCB of PCB		
	11		Magnet core of PCB		
	12		White cotton thread of PCB		
	13		Core of wire of PCB		
	14		Red capacitor of PCB		
	15		Yellow transparent adhesive tape of PCB		
	16	at se	Tin solder of PCB		
ATEK TIM		A.C.			







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Test Result(s):

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Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls(PBBs), PolybrominatedDiphenyl Ethers(PBDEs)

Part No.	Tes	t Items	XRF Screening Result(mg/kg)	Chemical Test Result(mg/kg)	Conclusio	
		Pb	BL	<u>م</u> ۱	2	
		Cd	BL	AND I		
1		Hg L	BL		Pass	
-	Cr	Cr(VI)	BL	/		
	Br	PBBs PBDEs	BL	/	-	
		Pb	BL	/		
		Cd	BL	/		
2		Hg	BL		Pass	
Z	Cr	Cr(VI)	BL		Fass	
	Br	PBBs	BL			
	DI	PBDEs	DL	/		
3		Pb	BL	/		
		Cd	BL	/		
3 -		Hg	BL	/	Pass	
3	Cr	Cr(VI)	BL	/	F d55	
	Br	PBBs PBDEs	BL		- 4	
		Pb g	BL			
-		Cd (BL			
-		Hg	BL	/		
4	Cr	Cr(VI)	BL	/	Pass	
4	Br	PBBs PBDEs	BL		-	
		Pb	BL	/		
-		Cd	BL	× 1	5	
_		Hg	BL	1 Time 1		
5	Cr	Cr(VI)	BL	1	Pass	
	Br PBBs BL		-			
		Pb	BL	/		
-		Cd	BL	/	1	
		Hg	BL	/		
6	Cr	Cr(VI)	BL	/	Pass	
-	Br	PBBs PBDEs	/		4	



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	NTE		Liw®		WTEX HI	with
	Report No.:	S24102203	3036001		A.C.	Page 4 of 12
8			Pb	BL	/	
WTEX III			Cd	BL	/	
EL	7		Hg	BL	/	Pass
4	1	Cr	Cr(VI)	IN	N.D.	F 455
		Br	PBBs PBDEs	/	 /	- met is
			Pb	BL	A This 1	
			Cd 👗	BL		
	8		Hg	BL	1	Pass
N'EK II	0	Cr	Cr(VI)	BL	/	1 455
A Ju		Br	PBBs	BL	/	
STE			PBDEs	DL	/	
			Pb	BL	/	- Kill
			Cd	BL	/	- Pass With A
	9		Hg	BL		- Pass
	3	Cr	Cr(VI)	BL		1 035
		Br	PBBs	/		
8			PBDEs	7	/	
NTEK III			Pb	BL	/	
EL			Cd	BL	/	
4	10		Hg	BL	/	– Pass 🔬
	10	Cr	Cr(VI)	BL	/	
		Br	PBBs PBDEs	BL		- ATEN
			Pb	BL		
			Cd	BL		
MTEK H	11		Hg	BL	/	– Pass
A Kin		Cr	Cr(VI)	BL	/	1 455
A CONTRACTOR OF		Br	PBBs	/	/	
			PBDEs		/	
			Pb	BL	/	
			Cd	BL		
	12		Hg BL		– Pass	
		Cr	Cr(VI)	BL		_
8		Br G	PBBs	BL		_
Kill			PBDEs		/	
. Et "			Pb	BL	/	_
WIELIN			Cd	BL		
	13		Hg	BL	/	Pass /
		Cr	Cr(VI)	BL	/ 	- Pass
		Br	PBBs	/		4
			PBDEs			





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©			Pb	BL	/		
Hill			Cd	BL	/		
X Xin	14		Hg	BL	/		
	14	Cr	Cr(VI)	BL	/	Pass	
		Br	PBBs	BL	/		
			PBDEs	DE	<u> </u>		
			Pb	BL	A Alin /		
	15	15 C		Cd 🔬	BL		
			15	Hg	BL	/	Pass
Ś			Cr	Cr(VI)	BL	/	1 455
X		Br	PBBs	BL	/		
			PBDEs	DL	/		
			Pb	BL	/		
			Cd	BL	/		
	16		Hg	BL	1	- Pass	
	10	Cr	Cr(VI)	BL		1 000	
		Br	PBBs				
0			PBDEs	,	/		
XTill			4				

Bis-(2-ethylhexyl) Phthalate (DEHP), Benzylbutyl Phthalate (BBP), Dibutyl Phthalate (DBP) Till and Diisobutyl Phthalate(DIBP)

	Test Items				
	Test Items	1+8+14	2+4+15	3+5	10
	Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.	N.D.
	Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.	N.D.
- Yill	Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	N.D.
	Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.	N.D.
J'EK JU.	Conclusion	Pass	Pass	Pass	Pass
			. Will		WIELT

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Shenzhen NTEK Testing Technology Co., Ltd. | Address: Building 1, 2, 11, 12, No. 24 Xinfa East Road, Xiangshan Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, China | Tel: +86-0755-2320 0050 | http://www.ntek.org.cn NTEK TIN Complaint Tel: +86-0755-23218370 Complaint E-mail: complaint@ntek.org.cn

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NTEK JU

NTEK 北测[®]

Report No.: S24102203036001

- Note:
- 1.N.D. = Not Detected (<MDL)

MDL = Method Detection Limit

1mg/kg = 1ppm =0.0001%

/=Not Regulated or Not Applicable

2. BL = Below the XRF screening limit

WTEX TE

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IN = Further chemical test will be conducted when the screening result inconclusive

OL = Further chemical test will be conducted while the result is above the screening limit.

ATEX TIN

WIEK TE

WIELTE

ATTEK TEN

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3. For metal samples, the sample is negative for Cr(VI), if the Cr(VI) concentration is less than 0.10 µg/cm², the coating is considered a non- Cr(VI) based coating;

The sample is positive for Cr(VI), if the Cr(VI) concentration is greater than 0.13 μ g/cm², The sample coating is considered to contain Cr(VI);

The result is considered to be inconclusive, the Cr(VI) concentration is between the $0.10\mu g/cm^2$ and $0.13\mu g/cm^2$, unavoidable coating variations may influence the determination. Because the storage condition and production date of the sample are not known, the test results of the sample of hexavalent chromium can only represent the state of hexavalent chromium in the samples tested.

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Remark:

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x: 1.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.





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, EK-W

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NTEK III

NTEK TE

WTEK TE

Test Method:

1. With reference to IEC 62321-1: 2013 Ed.1.0, IEC 62321-2:2021 Ed.2.0, IEC 62321-3-1:2013 Ed.1.0. XRF screening limits in mg/kg for regulated elements in various matrices.

4		Limit of IEC 62321-3-1:2013 Ed.1.0 (mg/kg)				
	Element	Polymers	Metals	Composite material		
	Ē	BL≤(700-3σ) <Χ	BL≤(700-3σ) <x́< td=""><td>BL≤(500-3σ)<Χ</td></x́<>	BL≤(500-3σ)<Χ		
	Pb	<(1300+3σ)≤OL	<(1300+3σ)≤OL	<(1500+3σ)≤OL		
	Cd	BL≤(70-3σ) <x <<="" td=""><td>BL≤(70-3σ)<x <<="" td=""><td>LOD <x<(150+3σ)< td=""></x<(150+3σ)<></td></x></td></x>	BL≤(70-3σ) <x <<="" td=""><td>LOD <x<(150+3σ)< td=""></x<(150+3σ)<></td></x>	LOD <x<(150+3σ)< td=""></x<(150+3σ)<>		
WTEK TIM		(130+3σ) ≤OL	(130+3σ) ≤OL	≤OL		
	Hg	BL≤(700-3σ)<Χ	BL≤(700-3σ)<Χ	BL≤(500-3σ)<Χ		
		<(1300+3σ)≤OL	<(1300+3σ)≤OL	<(1500+3σ)≤OL		
	Cr	BL≤(700-3σ)< X	BL≤(700-3σ)< X	BL≤(500-3σ)< X		
	Br	BL≤(300-3σ)< X	/	BL≤(250-3σ)< X 🔬		
			15.11	ATTER.		

Note:

BL= Below the XRF screening limit

OL=Over the XRF screening limit

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X=The symbol"X"marks the region where further investigation is necessary.

 3σ =The reproducibility of analytical instruments



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will

LOD= Detection limit



2. Chemical Test

RYTEK TEI

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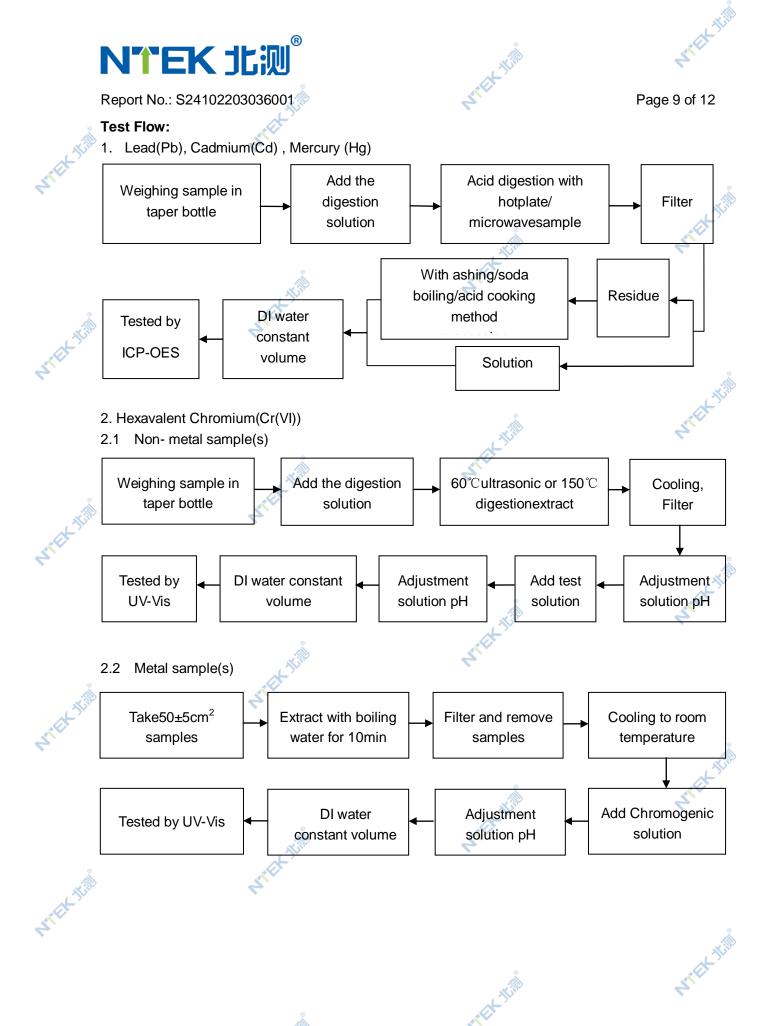
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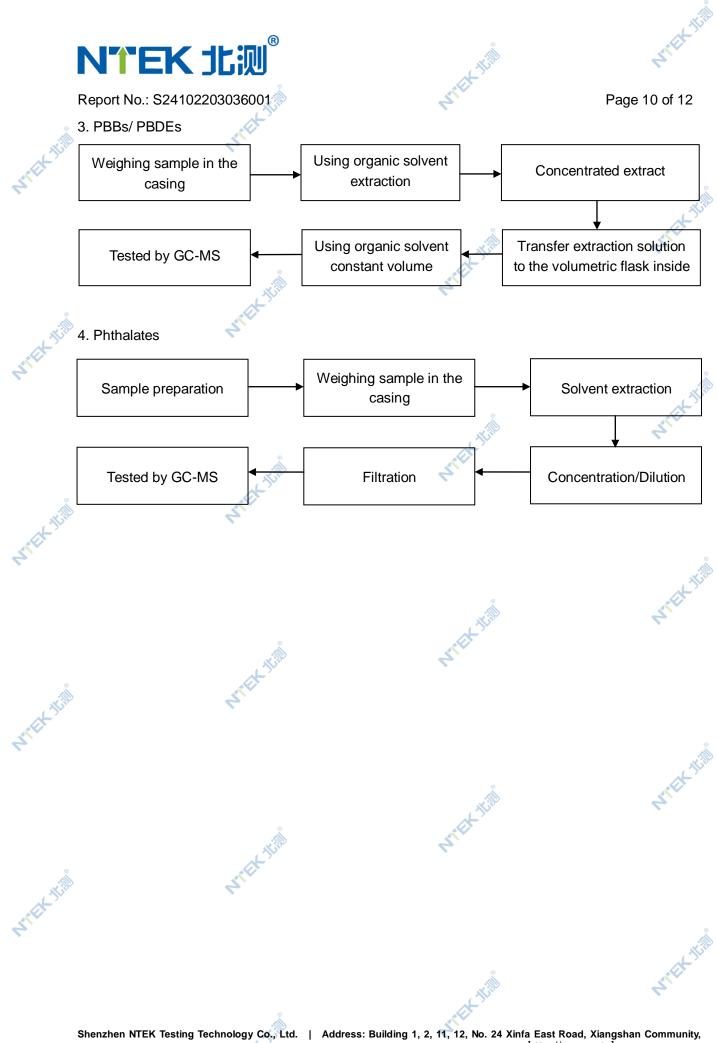
ANTEK TIM

TEX Will	Test item	Test method	Test instrument	MDL	Limit△
4	Lead (Pb)	IEC 62321-5:2013 Ed.1.0	ICP-OES	2 mg/kg	1000 mg/kg
	Cadmium (Cd)	IEC 62321-5:2013 Ed.1.0	ICP-OES	2 mg/kg	100 mg/kg
	Mercury (Hg)	IEC 62321-4:2013+AMD1:2017	ICP-OES	2 mg/kg	1000 mg/kg
	Hexavalent	IEC 62321-7-1:2015 Ed.1.0	UV-Vis	0.10 µg/cm ²	1000 mg/kg
	Chromium(Cr(VI))	IEC 62321-7-2:2017 Ed.1.0		8 mg/kg	1000 mg/kg
	Polybrominated Biphenyls(PBBs)	EC 62321-6:2015 Ed.1.0	GC-MS	5 mg/kg	1000 mg/kg
WTEK THIS	Polybrominated, Diphenyl Ethers(PBDEs)	Diphenyl IEC 62321-6:2015 Ed.1.0		5 mg/kg	1000 mg/kg
	Bis-(2-ethylhexyl) Phthalate (DEHP)	IEC 62321-8:2017 Ed.1.0	GC-MS	30 mg/kg	1000 mg/kg
	Benzyl butyl Phthalate (BBP)	IEC 62321-8:2017 Ed.1.0	GC-MS	30 mg/kg	1000 mg/kg
THE TIM	Dibutyl Phthalate (DBP)	EC 62321-8:2017 Ed.1.0	GC-MS	30 mg/kg	1000 mg/kg
ANTER!	Diisobutyl Phthalate (DIBP)		GC-MS	30 mg/kg	1000 mg/kg
	^A The limit is quoted	from RoHS Directive (EU) 2015/863	amending Anne	ex II to Directive	2011/65/EU.
			- Mill		ATTEN

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NTER W





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WTEX TIM

WTEX TIN

NTEK TIM

NTEK TIM

NTER W



NTEK II

NTEK TE

NTEK III

ATEXIL

NTEK II



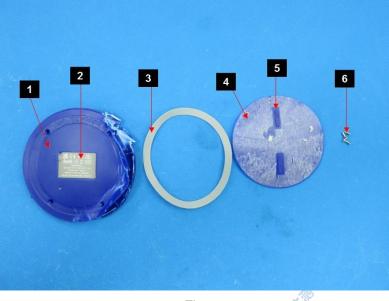
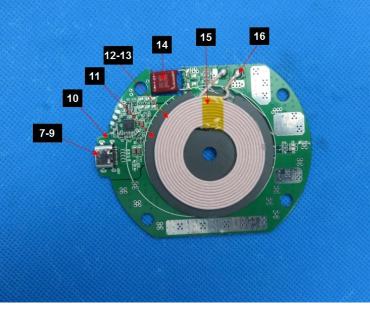


Fig.3





****End of Report****

The test results or data in this report will be used only for education, scientific research, enterprise product development and internal quality control or other purposes.

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