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TEST REPORT

Applicant: Address:

,STEK I

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:	Cirque/CQ
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.: S241022030031 Sample Received Date: 2024-10-24 **Testing Period:** 2024-10-24~ 2024-11-13

Test Requirement:

Conclusion

Pass

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

Zone. L Compiled by:

Approved by:

Reviewed by:

Date:

Luetta Mo

2025-01-06



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Sample Description:

A Wills	No.	Sample name	Description
FIT	1		White plastic label with lettering (with glue) of shell
	2		Black plastic sheet with glue of shell
	3		Black foam of shell
	4		Silver metal of shell
	5		Gray rubber pad of shell
	6		Silver metal screw of shell
	7	A Histor	Silver metal shell of type-c interface
	8	Dewer Deelk	Black plastic of type-c interface
1 Juin	9	– Power Bank 🔷	Metal plug pin of type-c interface
ALC: N	10		Green PCB of PCB
	11		Magnet core of PCB
	12		White cotton thread of PCB
	13		Core of wire of PCB
	14		Yellow transparent adhesive tape of PCB
	15	, Alexandre	Red capacitor of PCB
	16	at x	Tin solder of PCB
ALL AND A		A.C.	
at w		· ·	
<u>s</u>	Test Re	esult(s):	

Test Result(s):

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

	Part No	Part No. Test Items		XRF Screening	Chemical Test	Conclusion	
	T art NO.			Result(mg/kg)	Result(mg/kg)	Conclusion	
			Pb 🔊	BL			
©			Cd	BL	/		
Hill .	1		Hg	BL	/	Dasa	
ATEK Hill	Ĩ	Cr	Cr(VI)	BL	/	Pass	
4		D.,	PBBs		/		
		Br PBDEs BL	/	× (*)			
			Pb	BL	<u> </u>	A COL	
	0			Cd	BL	Mine /	4
			Hg 👗	BL	1	Deee	
	2	Cr	Cr(VI)	BL		Pass	
		Br	PBBs	BL	/		
1 Kin		DI	PBDEs	DL	/		
ATEK H			<u>. </u>				
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	NTE	EK 1	Lin [®]		WTEK TE	ATEK?
F	Report No.:	S24102203	3030001		A.C.	Page 3 of 11
			Pb	BL	/	
Hill			Cd	BL	/	
WTEK TIN	3		Hg	BL	/	Pass
4	3	Cr	Cr(VI)	BL	/	F 855
		Br	PBBs	BL	/	
			PBDEs		/	Ster.
			Pb	BL	1 N. 1	
			Cd	BL		
	4		Hg	BL		Pass
N. S.		Cr	Cr(VI)	IN	N.D.	_
at su		Br	PBBs	/	/	_
ATTEK ITIN			PBDEs	. .	/	
			Pb	BL	/	- Door with the
			Cd	BL		
	5		Hg	BL	A A A A A A A A A A A A A A A A A A A	– Pass
		Cr	Cr(VI)	BL		
		Br	PBBs	BL		
		Pb	PBDEs			
1 Juil				BL		_
ATTER ITIN			Cd	BL		
	6	Cr	Hg Cr(VI)	BL		– Pass
			PBBs	DL		
		Br	PBDEs	/		
			Pb 👔	BL		
			Cd A	BL		_
0			Hg	BL	/	_
Kill	7	Cr	Cr(VI)	IN	N.D.	Pass
ATTERNIN			PBBs		/	
4.		Br	PBDEs	/	/	
			Pb	BL	/	
		(Cd	BL	<u> </u>	
	0		Hg	BL	A Jun /	Daga
	8	Cr	Cr(VI)	BL		Pass
		Br	PBBs	BL	/	
		Ы	PBDEs	DL	/	
ativ			Pb	BL	/	
ATTER JUN			Cd	BL	/	
	9		Hg	BL	/	– Pass
	č	Cr	Cr(VI)	BL		
		Br	PBBs	/		
			PBDEs	,		



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	NTE	ド北测®		WTEK Hill	AT ELSE		
F	Report No.:	S24102203030001		AST.	Page 4 of 11		
0		Pb	BL	/			
Kill		Cd	BL	/			
NTEX TIM	10	Hg	BL	/	Dasa		
4.	10	Cr Cr(VI)	BL	/	– Pass		
		Br PBBs	IN	N.D.	al strength		
		PBDEs	IIN	N.D.			
		Pb	BL	A Jun 1			
		Cd 🔬	BL				
	11	Hg	BL	/	Pass		
with		Cr Cr(VI)	BL	/	1 435		
at su		Br PBBs	/	/			
SIL		PBDEs	,	/			
		Pb	BL	/	-		
		Cd	BL	/	- Pace Miller		
	12	Hg	BL		Pass		
	12	Cr Cr(VI)	BL				
		Br PBBs	BL				
		PBDEs		/			
Hill	13	Pb	BL	/	_		
ANTER TIM		13	Cd	BL	/	_	
4.			13 —	13	Hg		/
		Cr Cr(VI)	BL	/	- Alin		
		Br PBBs	/				
_		PBDEs					
		Pb	BL		_		
		Cd Sine	BL		_		
, Å	14	Hg	BL	/	Pass		
with		Cr Cr(VI)	BL				
L'ÉV		Br PBBs	BL				
		PBDEs Pb	BL		- Alin		
		Cd	BL		-		
		Hg	BL				
	15	Cr Cr(VI)	BL		Pass		
		PBBs		/	_		
©		Br PBDEs	– BL	BL /			
WTEX TIM		Pb	BL				
THE STREET		Cd	BL				
4		Hg	BL	/	_		
	16	Cr Cr(VI)	BL		- Pass		
		PBBs /	/	- ATTE			
		Br PBDEs	- /				

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Bis-(2-ethylhexyl) Phthalate (DEHP), Benzyl butyl Phthalate (BBP), Dibutyl Phthalate (DBP) and Diisobutyl Phthalate(DIBP)

Test Items	Result(mg/kg)				
Test liens	1+2	3	5	8+15	
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.	
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	N.D.	
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.	N.D.	
Conclusion	Pass	Pass	Pass	Pass	

Test Items		Result(mg/kg)	
Test Items	10	12	14
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	181 🔷
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Note:

ATTEK TU

1.N.D. = Not Detected (<MDL)

MDL = Method Detection Limit

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1mg/kg = 1ppm =0.0001%

/=Not Regulated or Not Applicable

2. BL = Below the XRF screening limit

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. 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.

Remark:

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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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.

		3 3 3 3 3		-		
4	Element	Limit of IEC 62321-3-1:2013 Ed.1.0 (mg/kg)				
		Polymers	Metals	Composite material		
	Pb	BL≤(700-3σ) <x< td=""><td>BL≤(700-3σ) <x< td=""><td>BL≤(500-3σ)<Χ</td></x<></td></x<>	BL≤(700-3σ) <x< td=""><td>BL≤(500-3σ)<Χ</td></x<>	BL≤(500-3σ)<Χ		
		<(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)<>		
		(130+3σ) ≤OL	(130+3σ) ≤OL	≤OL		
	Hg	BL≤(700-3σ)<Χ	BL≤(700-3σ)<Χ	BL≤(500-3σ)<Χ		
A Jun		<(1300+3σ)≤OL	<(1300+3σ)≤OL	<(1500+3σ)≤OL		
STEK JUID	Cr	BL≤(700-3σ)< X	BL≤(700-3σ)< X	BL≤(500-3σ)< X		
	Br	BL≤(300-3σ)< X	/	BL≤(250-3σ)< X		
			, second s	NYTEK.		

Note:

BL= Below the XRF screening limit

OL=Over the XRF screening limit

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NTEK TIM

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

 3σ =The reproducibility of analytical instruments



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LOD= Detection limit



2. Chemical Test

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	2. Onemical rest				
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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)	IEC 62321-6:2015 Ed.1.0	GC-MS	5 mg/kg	1000 mg/kg
WIELT	Polybrominated, Diphenyl Ethers(PBDEs)	IEC 62321-6:2015 Ed.1.0	GC-MS	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
TEX TIM	Dibutyl Phthalate (DBP)	IEC 62321-8:2017 Ed.1.0	GC-MS	30 mg/kg	1000 mg/kg
ATTER.	Diisobutyl Phthalate (DIBP)	IEC 62321-8:2017 Ed.1.0	GC-MS	30 mg/kg	1000 mg/kg
	AThe limit is quoted	from RoHS Directive (EU) 2015/863	amending Anne	ex II to Directive	2011/65/EU.
·			THE THE		ATE
		A Yun	4		

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 Complaint Tel: +86-0755-23218370 | Complaint E-mail: complaint@ntek.org.cn

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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 Complaint Tel: +86-0755-23218370 | Complaint E-mail: complaint@ntek.org.cn

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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 Complaint Tel: +86-0755-23218370 | Complaint E-mail: complaint@ntek.org.cn

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WTEX JU

wret Hill

writek Hill

WTEK T



RYTEK TIN

RYTEK JU

NTEK TEN

ANTEK THIN

RATER HIN

Sample photo(s):





Fig.2 (Finished photo)

NTEK T



WTEK TIM

ANTEK TIN

NTEK TIM

ANTER TEIM

NTEK



NTEK III

NTEK TE

WTEXTE

NTEK TIN





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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