



Page 1 of 10

TEST REPORT

Applicant: Address:

STEKT

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:	USB Flash Drives
Model:	Classic/CS
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.:
 S241022030005

 Sample Received Date:
 2024-10-24

 Testing Period:
 2024-10-24~ 2024-11-08

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);

Reviewed by:

Luetta Mo

Compiled by:

Approved by:

Date:

2024-11-12

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Sample Description:

Hill	No.	Sample name	Description	
et.	1		Silver metal shell of shell	
	2		Blue transparent plastic shell of shell	
	3		White double-sided adhesive of shell	
	4	USB Flash Drives	Silver metal ring of shell 👗	1 CT
	5		Black plastic shell of USB interface	4
	6		Silver metal shell of USB interface	
	7		Black PCB of USB interface	
	8		Yellow FPC of USB interface	

Test Result(s):

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

			I Diphenyl Ethers(P XRF Screening	Chemical Test	
Part No.	Part No. Tes	st Items	Result(mg/kg)	Result(mg/kg)	Conclusion
		Pb	BL	/	
1		Cd	BL	/	
1		Hg	BL	/	Pass
I	Cr	Cr(VI)	BL	/	1 435
	Br	PBBs	/	/	
		PBDEs Pb	BL		2
		Cd	BL		
0		Hg	BL	× /	Dava
2	Cr	Cr(VI)	BL	/	Pass
	Br	PBBs	BL	/	-
		PBDEs		/	
		Pb	BL	/	-
		Cd	BL	/	-
3		Hg	BL	/	Pass
U	Cr	Cr(VI)	BL	Jun 1	1 400
	Br	PBBs PBDEs	BL		
		Pb	BL	/	
4		Cd	BL	/	-
		Hg	BL	/	Pass
4	Cr	Cr(VI)	IN	N.D.	rass
	Br	PBBs	/	/	
		PBDEs	1	<u> </u>	L 3

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	Report No.:	S2410220	3004001		ATTE .	Page 3 of 10
6			Pb	BL	/	
NTEKT			Cd	BL	/	
	F		Hg	BL	/	Deee
4.	5	Cr	Cr(VI)	BL	/	– Pass
		Br	PBBs PBDEs	BL		- ret
			Pb	BL	A State	4
	-		Cd 👗	BL		
	6		Hg L	BL	/	– Pass
	0	Cr	Cr(VI)	BL	/	Pass
WTEX TIN	×	Br	PBBs	_ /	/	
SIL			Ы	PBDEs		/
	7		Pb	BL	/	
			Cd	BL	/	- Dear Artick Still
			Hg	BL		– Pass
		Cr	Cr(VI)	BL		
		Br	PBBs	IN	N.D.	
NTEK TH			PBDEs		N.D.	
	8		Pb	BL	/	_
			Cd	BL	/	_
			Hg	BL	/	– Pass 👗
	F	Cr	Cr(VI)	BL		- Alin
		Br	PBBs PBDEs	BL		- site
			PBDES			

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

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NTEX.	Test Items	Result(mg/kg)			
4	Test items	2+5 3	3	7	8
	Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	70	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
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NTEK 北测[®]

Report No.: S24102203004001

- 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

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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.
- 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;

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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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k: 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.

		0 00 0				
4	Element	Limit of IEC 62321-3-1:2013 Ed.1.0 (mg/kg)				
		Polymers	Metals	Composite material		
AT HEL THIN	Pb	BL≤(700-3σ) <x< th=""><th>BL≤(700-3σ) <x< th=""><th>BL≤(500-3σ)<Χ</th></x<></th></x<>	BL≤(700-3σ) <x< th=""><th>BL≤(500-3σ)<Χ</th></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		
		<(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		
			A STA	MIEL.		

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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LOD= Detection limit

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2. Chemical Test

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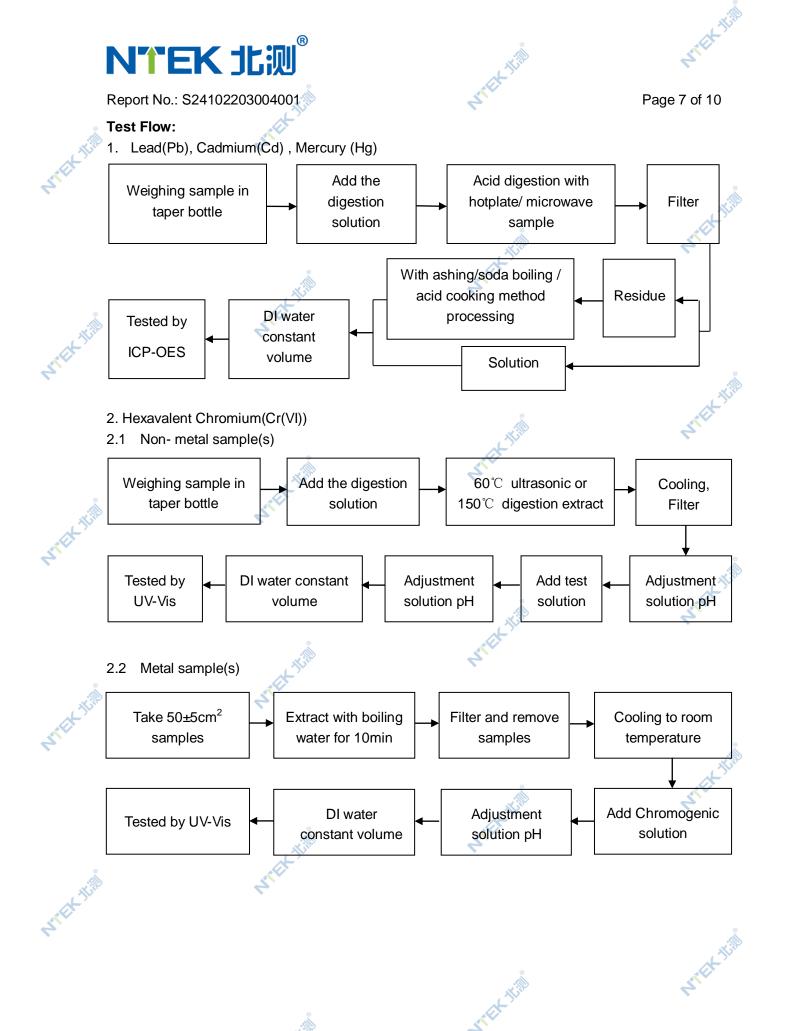
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TEX His	Test item	Test method	Test instrument	MDL	Limit△	
4,	Lead (Pb)	IEC 62321-5:2013 Ed.1.0	ICP-OES	2 mg/kg	1000 mg/kg	
	Cadmium (Cd)	IEC 62321-5:2013 Ed.1.0	ICP-OES	2 mg/kg	100 mg/kg	
	Mercury (Hg)	IEC 62321-4:2013+AMD1:2017	ICP-OES	2 mg/kg	1000 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	
ANTER TIM	Polybrominated Biphenyls(PBBs)		GC-MS	5 mg/kg	1000 mg/kg	
	Polybrominated, Diphenyl IEC 62321-6:2015 Ed.1.0 Ethers(PBDEs)		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 TUN	Dibutyl Phthalate (DBP)	EC 62321-8:2017 Ed.1.0	GC-MS	30 mg/kg	1000 mg/kg	
AN'EK	Diisobutyl Phthalate (DIBP)		GC-MS	30 mg/kg	1000 mg/kg	
	^A The limit is quoted from RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.					
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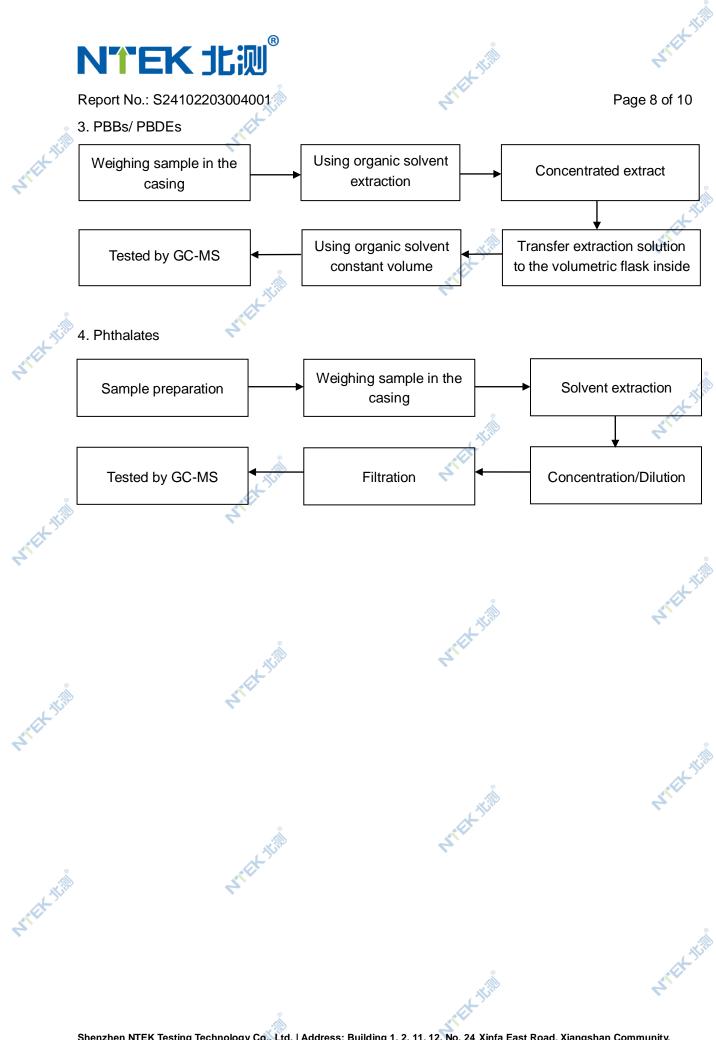
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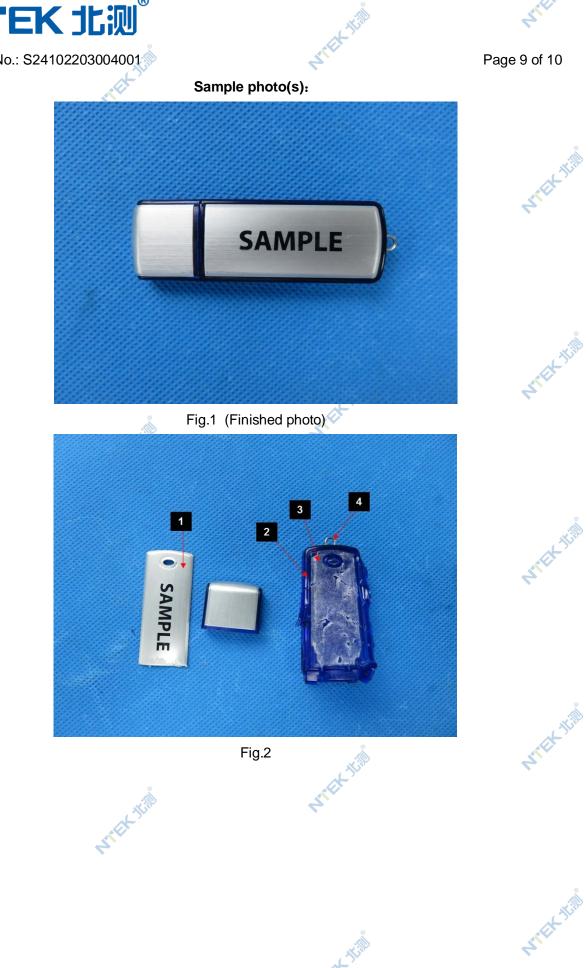
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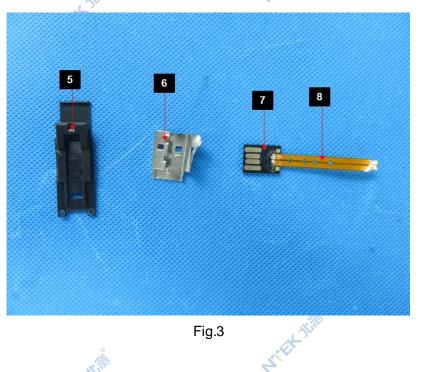
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****End of Report****

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