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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 : Power bank

**Type /model** : P324.952

Manufacturer : /

Sample received date : Oct. 10, 2015

**Testing period** : Oct. 10, 2015 to Oct. 22, 2015

Test requested : As specified by client, to test Polycyclic Aromatic Hydrocarbons

(PAHs) in the submitted sample.

#### **Test Method:**

Tested Item(s)	Test Method	Measured Equipment(s)
Polycyclic Aromatic Hydrocarbons (PAHs)	AfPS GS 2014:01 PAK	GC-MS

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

Tested by Sahen han Inspected by

pected by Anbotek

Lozom Luo



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### Tested Sample/Part Description:

- 1 White plastic shell
- 2 Yellow plastic film
- 3 Blue PCB board
- 4 Yellow insulation paper
- 5 Black foam
- 6 Black jacket
- 7 Red jacket
- 8 Big USB inner white plastic
- 9 Small USB inner black plastic
- 10 Switch white plastic
- 11 Switch black plastic

Limits for PAHs content for material of (grip) surfaces, which are to be categorized on account of the results of the risk analysis. (Unit: mg/kg)

botek Anbotek Ar	Category 1	Categ	ory 2	Catego	ry 3		
Anborek Anborek Anborek Anborek Anborek Anborek Anborek	Materials intended to be put in the mouth or materials of toys for long-term skin	Materials not covered by category 1, with foreseeable skin contact for long-term (longer than 30 seconds) or repeated skin contact for short-term		Is intended put in the or materials oys for Materials not covered by category 1, with category foreseeable skin contact for long-term (longer than 30 seconds) or repeated skin 30 seconds		Materials not of category 1 of foreseeable so for short term 30 second	or 2, with kin contact (less than
Jotek Anbotek An	contact (longer than 30 seconds)	Toys Range in 2009/48/EC	other classified products	Toys Range in 2009/48/EC	other classified products		
Benzo[a]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1,00		
Benzo[e]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1		
Benzo[a]anthracene	< 0.2	< 0.2	< 0.5	0.5 And	< 1		
Benzo[b]fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	1 > 000		
Benzo[j]fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1		
Benzo[k]fluoranthene	< 0.2 Market	< 0.2	< 0.5	< 0.5	< 1:01		
Chrysene	< 0.2	< 0.2	< 0.5	< 0.5	< 1		
Dibenz[a,h]anthracene	< 0.2	< 0.2	< 0.5	< 0.5	1</td		
Benzo[g,h,i]perylene	< 0.2	< 0.2	< 0.5	< 0.5	< 1 Ant		
Indenol[1,2,3-cd]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	01 <sup>6</sup> <1		



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Anborek Anbore	Category 1	Categ	ory 2	Catego	ry 3
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	Materials intended to be put in the mouth or materials of toys for long-term skin	Materials not category foreseeable sk long-term ( los seconds ) or recontact for	1, with cin contact for nger than 30 epeated skin	Materials not of category 1 of foreseeable skips for short term 30 second	or 2, with kin contact (less than
k Vupotek Vupote	contact ( longer than 30 seconds )	Toys Range in	other classified	Toys Range in	other classified
tek upose, Vup	botek botek	2009/48/EC	products	2009/48/EC	products
Acenaphthylene,	upore Ann sek	Spotek	Anbo	A. Otek	Aupolein
Acenaphthene,	abotek Anbo	ek Ai.	Aupote.	Anb	botek
Fluorene,	hotek 1 Anbo	< 5 <sup>nbord</sup>	< 10	< 20	< 50
Phenanthrene, Pyrene,	Sums	Sums	Sums	Sums	Sums
Anthracene,	Aupo K	solek ant	ote. And	10°	ek Anb
Fluoranthene	tek Aupore	Ans	abotek A	por Yun	-otek
Naphthalene	100tek < 1000ter	Anbo	2 nbotek	Anbore <10	Potek
18 PAHs SUMs	botek < 1 Anbotes	4 < 5	< 10	< 20	< 50

### Test Result(s):

Tested Item(s)	Result 1 Unit (mg/kg)	Result 2 Unit (mg/kg)	MDL Unit (mg/kg)
Naphthalene	botek N.D. noote	N.D.	0.2
Acenaphthylene	hotel N.D. Anbote	N.D.	0.2
Acenaphthene	N.D. Anbo	N.D.	10.2 And
Fluorene	N.D.	over N.D.	0.2
Phenanthrene	N.D.	Sporek N.D. Anbore	0.2
Anthracene	N:D.	hote N.D. Anbore	0.2
Fluoranthene	botek N.D.	N.D. Anbo	0.2
Pyrene	botek N.D. Anbote	N.D.	0.2
Acenaphthylene+Acenaphthene+ Fluorene+Phenanthrene+Pyrene+ Anthracene+Fluoranthene SUMs	Anbotek N.D. Anbotek	stek N.D. otek	Aupotek Aupo
Chrysene	N.D.	otek N.D. Anbotek	0.2





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Tested Item(s)	Result 1 Unit (mg/kg)	Result 2 Unit (mg/kg)	MDL Unit (mg/kg)
Benzo[a]anthracene	N.D.	N.D. Note	0.2
Benzo[b]fluoranthene	Lotek N.D. nbote	N.D.	0.2
Benzo[k]fluoranthene	Meter N.D. Notes	₽UDN.D.	Lotek 0.2 Anbore
Benzo[j]fluoranthene	N.D.	N.D.	0.2
Benzo[a]pyrene	Anbo N.D.	N.D. ote	0.2
Benzo[e]pyrene	N.D.	N.D. botek	0.2
Indenol[1,2,3-cd]pyrene	N.D.	N.D. N.D.	0.2
Dibenz[a,h]anthracene	N.D. N.D.	Anbor N.D. And	0.2
Benzo[g,h,i]perylene	N.D.	N.D. And	0.2
18 PAHs SUMs	Anbore N.D. Anb	N.D.	por 1 Am

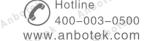
Tested Item(s)	Result 3 Unit (mg/kg)	Result 4 Unit (mg/kg)	MDL Unit (mg/kg)
Naphthalene	N.D.	N.D. Anboro	0.2
Acenaphthylene	otek N.D.	N.D.	0.2
Acenaphthene	hotek N.D. Anbore	N.D.	0.2 nbox
Fluorene	N.D. nbote	N.D.	otek 0.2 Anbot
Phenanthrene	And N.D.	N.D.	0.2
Anthracene	N.D.	N.D.bote	0.2
Fluoranthene	N.D.	N.D.	0.2
Pyrene	N.D.	N.D. N.D.	0.2
Acenaphthylene+Acenaphthene+ Fluorene+Phenanthrene+Pyrene+ Anthracene+Fluoranthene SUMs	Inbotek N.D. Anbotek	Anborra Anb	nbotek Anboten
Chrysene	N.D. Anbo	N.D.	0.2 M
Benzo[a]anthracene	N.D.	N.D.	0.2
Benzo[b]fluoranthene	N.D.	N.D.Anbox	0.2
Benzo[k]fluoranthene	N.D.	hote N.D. Anboro	0.2
Benzo[j]fluoranthene	botek N.D.bot	N.D.	0.2
Benzo[a]pyrene	Lotek N.D. Anbote	N.D.	otek 0.2 knbot
Benzo[e]pyrene	N.D.	N.D.	0.2
Indenol[1,2,3-cd]pyrene	N.D.	N.D.	0.2
Dibenz[a,h]anthracene	An N.D.	N.D. boten	0.2
Benzo[g,h,i]perylene	N.D.	N.D. botek	0.2
18 PAHs SUMs	N.D.	N.D.	sk Vposer



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Tested Item(s)	Result 5	Result 6	MDL
Au Aupoter Aupo	Unit (mg/kg)	Unit (mg/kg)	Unit (mg/kg)
Naphthalene	N.D.	N.D.	0.2
Acenaphthylene	hotek N.D. nbor	N.D.	0.200
Acenaphthene	N.D. nooter	₽'nºN.D.	notek 0.2 Anbott
Fluorene	N.D.	N.D.	0.2
Phenanthrene	Anbo N.D.	N.Doores	Anb 0.2
Anthracene	N.D.	N.D.	no 0.2
Fluoranthene	N.D.	N.D. Note	0.2
Pyrene	N.D.	Anbore N.D.	0.2
Acenaphthylene+Acenaphthene+	Upo, YII.	Anborek Anbo	Lotel hotel
Fluorene+Phenanthrene+Pyrene+	Anboten N.D. Anbo	N.D.	port / Ans
Anthracene+Fluoranthene SUMs	spotek Aupote	And	upotek Anbe
Chrysene	N.D.	N.D.	0.2
Benzo[a]anthracene	N.D.	botek N.D.	0.2
Benzo[b]fluoranthene	N.D.	notek N.D. Anbore	0.2
Benzo[k]fluoranthene	otek N.D.	N.D.	0.2
Benzo[j]fluoranthene	hotek N.D. Anbote	N.D.	0.2
Benzo[a]pyrene	N.D. nbote	N.D.	worker 0.2 Anbot
Benzo[e]pyrene	N.D.	N.D.	0.2
Indenol[1,2,3-cd]pyrene	And N.D.	N.D.	0.2
Dibenz[a,h]anthracene	N.D.	N.D. Notek	An 0.2
Benzo[g,h,i]perylene	N.D. over	Anbo N.D.	0.2
18 PAHs SUMs	N.D. Jokek	Anbor N.D. And	Lek botek

Tested Item(s)	Result 7 Unit (mg/kg)	Result 8 Unit (mg/kg)	MDL Unit (mg/kg)
Naphthalene	N.D.	N.D.	0.2
Acenaphthylene	N.D.	nbotek N.D.Anbo	0.2
Acenaphthene	N.D.	hote N.D. Anbote	0.2
Fluorene	botek N.D. bot	N.D.	0.2
Phenanthrene	hotek N.D. Anbote	N.D.	0.2
Anthracene	N.D. note	N.D.	0.2
Fluoranthene	N.D.	N.D.	0.2
Pyrene	N.D.	n.D. boten	0.2
Acenaphthylene+Acenaphthene+	lek Pupose, b	up.	Anboto
Fluorene+Phenanthrene+Pyrene+	N.D.	Anbor N.D.	sk Vipoter
Anthracene+Fluoranthene SUMs	oo. A. potek	Anbore Anb	yek abotek

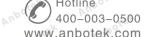




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	40%	
Result 7 Unit (mg/kg)	Result 8 Unit (mg/kg)	MDL Unit (mg/kg)
N.D.	N.D. Note	0.2
hotek N.D. noote	N.D.	0.2000
tokN.D. nootek	MN.D.	otek 0.2 Anbott
N.D.	N.D.	0.2
AnboN.D.	N.D. of	0.2
N.D.	N.D. botek	0.2
N.D.	N.D. N.D.	0.2
N.D. N.D.	Anbor N.D. And	0.2
N.D. N.D.	N.D. And	0.2
Anbote N.D. Anb	N.D.	0.2
nbot N.D. Anbo	N.D.	Vupose. \ Vup.
	Unit (mg/kg)	Unit (mg/kg)         Unit (mg/kg)           N.D.         N.D.           N.D.         N.D.

Tested Item(s)	Result 9 Unit (mg/kg)	Result 10 Unit (mg/kg)	MDL Unit (mg/kg)
Naphthalene	N.D.	N.D.	0.2
Acenaphthylene	hotek N.D. Anbore	N.D.	0.2 nb 0.2
Acenaphthene	N.D. nbote	N.D.	Lotek 0.2 Anbot
Fluorene	N.D.	N.D.	0.2
Phenanthrene	N.D.	N.D.	0.2
Anthracene	N.D.	N.D. botek	0.2
Fluoranthene	N.D.	N.D. N.D.	0.2
Pyrene	N.D. botek	Anbor N.D.	0.2
Acenaphthylene+Acenaphthene+ Fluorene+Phenanthrene+Pyrene+ Anthracene+Fluoranthene SUMs	Anbotek N.D. Anbotek	ek N.D.ek Anb	upotek Aupote
Chrysene	N.D.	N.D.	0.2
Benzo[a]anthracene	N.D.	botek N.D.Anbote	0.2
Benzo[b]fluoranthene	N.D.	hote N.D. Anbore	0.2
Benzo[k]fluoranthene	N.D.	N.D.	0.2
Benzo[j]fluoranthene	otek N.D. Noote	N.D.	otek 0.2 knbot
Benzo[a]pyrene	N.D.	N.D.	0.2 NO
Benzo[e]pyrene	And N.D.	N.D.	0.2
Indenol[1,2,3-cd]pyrene	An N.D.	N.D. botek	0.2
Dibenz[a,h]anthracene	N.D.	N.D.	0.2
Benzo[g,h,i]perylene	N.D.	N.D.	0.2
18 PAHs SUMs	N.D. N.D.	Anbo N.D. And	tek potek





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*ek spor An	" Siek	
Tested Item(s)	Result 11 Unit (mg/kg)	MDL Unit (mg/kg)
Naphthalene	N.D. Notes	0.2
Acenaphthylene	N.D. potek	0.2
Acenaphthene	N.D.	0.2
Fluorene	Anbo N.D.	0.2
Phenanthrene	N.D.	0.2
Anthracene	N.D.	0.2
Fluoranthene	N.D.	Anbore 0.2 And
Pyrene Pyrene	nbot N.D.	0.2 And
Acenaphthylene+Acenaphthene+ Fluorene+Phenanthrene+Pyrene+ Anthracene+Fluoranthene SUMs	Anbore N.D. Anbore	stek Aupotek V
Chrysene	N.D.	0.2
Benzo[a]anthracene	N.D.	hotek 0.2 Anbote
Benzo[b]fluoranthene	"O'SE N.D.	0.2
Benzo[k]fluoranthene	wotek N.D. Anbote	0.2
Benzo[j]fluoranthene	And te N.D. hotel	0.2
Benzo[a]pyrene	N.D.	0.2
Benzo[e]pyrene	And N.D.	0.2 000
Indenol[1,2,3-cd]pyrene	N.D.	0.2
Dibenz[a,h]anthracene	N.D.	0.2
Benzo[g,h,i]perylene	N.D. N.D.	Anbore 0.2
18 PAHs SUMs	Inport N.D. Kek	Spotok And

### Note:

-MDL = Method Detection Limit

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

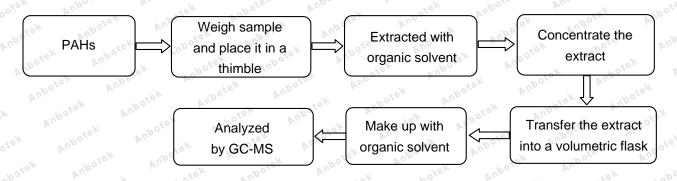
-mg/kg = ppm = parts per million



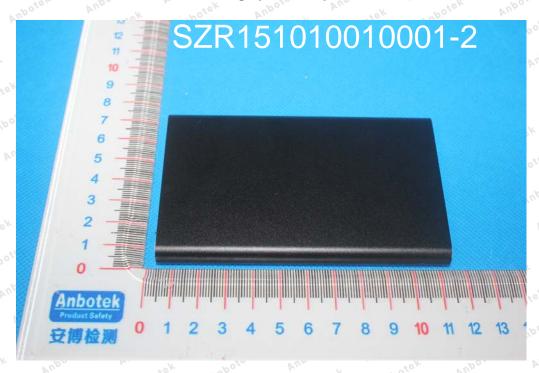
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### **Test Process:**

♦ AfPS GS 2014:01 PAK



#### **Photograph of Sample**



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

400-003-0500



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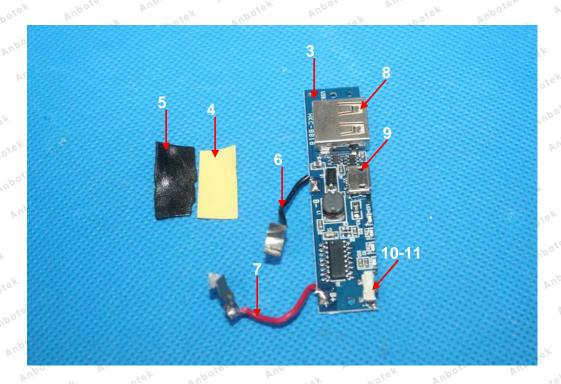




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### \*\*\*\*\* End of Report \*\*\*\*\*

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