

Test Report

No. SZR151010010001-2

Date: Oct. 22, 2015

Page 1 of 10

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



Inspected by



Approved by

**Shenzhen Anbotek Compliance Laboratory Limited**

Address: E. 4F, Building A, Hourui No.3 Industrial Zone, Xixiang Sub-district, Bao'an District, Shenzhen, China
Tel: (86)755-26066089 Fax: (86)755-26066021 Email: service@anbotek.com



Hotline
400-003-0500
www.anbotek.com

Test Report

No. SZR151010010001-2

Date: Oct. 22, 2015

Page 2 of 10

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)

Parameters	Category 1	Category 2		Category 3	
	Materials intended to be put in the mouth or materials of toys for long-term skin contact (longer than 30 seconds)	Materials not covered by category 1, with foreseeable skin contact for long-term (longer than 30 seconds) or repeated skin contact for short-term		Materials not covered by category 1 or 2, with foreseeable skin contact for short term (less 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
Benzo[e]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[a]anthracene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[b]fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[j]fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[k]fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Chrysene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Dibenz[a,h]anthracene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[g,h,i]perylene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Indeno[1,2,3-cd]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1

Shenzhen Anbotek Compliance Laboratory Limited

Address: E. 4F, Building A, Hourui No.3 Industrial Zone, Xixiang Sub-district, Bao' an District, Shenzhen, China
Tel:(86)755-26066089 Fax:(86)755-26066021 Email:service@anbotek.com



Hotline
400-003-0500
www.anbotek.com

Test Report

No. SZR151010010001-2

Date: Oct. 22, 2015

Page 3 of 10

Parameters	Category 1	Category 2		Category 3	
	Materials intended to be put in the mouth or materials of toys for long-term skin contact (longer than 30 seconds)	Materials not covered by category 1, with foreseeable skin contact for long-term (longer than 30 seconds) or repeated skin contact for short-term		Materials not covered by category 1 or 2, with foreseeable skin contact for short term (less than 30 seconds)	
		Toys Range in 2009/48/EC	other classified products	Toys Range in 2009/48/EC	other classified products
Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene	< 1 Sums	< 5 Sums	< 10 Sums	< 20 Sums	< 50 Sums
Naphthalene	< 1	< 2		<10	
18 PAHs SUMs	< 1	< 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	N.D.	N.D.	0.2
Acenaphthylene	N.D.	N.D.	0.2
Acenaphthene	N.D.	N.D.	0.2
Fluorene	N.D.	N.D.	0.2
Phenanthrene	N.D.	N.D.	0.2
Anthracene	N.D.	N.D.	0.2
Fluoranthene	N.D.	N.D.	0.2
Pyrene	N.D.	N.D.	0.2
Acenaphthylene+Acenaphthene+ Fluorene+Phenanthrene+Pyrene+ Anthracene+Fluoranthene SUMs	N.D.	N.D.	/
Chrysene	N.D.	N.D.	0.2

Shenzhen Anbotek Compliance Laboratory Limited

Address: E. 4F, Building A, Hourui No.3 Industrial Zone, Xixiang Sub-district, Bao'an District, Shenzhen, China
 Tel:(86)755-26066089 Fax:(86)755-26066021 Email:service@anbotek.com



Hotline
 400-003-0500
 www.anbotek.com

Test Report

No. SZR151010010001-2

Date: Oct. 22, 2015

Page 4 of 10

Tested Item(s)	Result 1 Unit (mg/kg)	Result 2 Unit (mg/kg)	MDL Unit (mg/kg)
Benzo[a]anthracene	N.D.	N.D.	0.2
Benzo[b]fluoranthene	N.D.	N.D.	0.2
Benzo[k]fluoranthene	N.D.	N.D.	0.2
Benzo[j]fluoranthene	N.D.	N.D.	0.2
Benzo[a]pyrene	N.D.	N.D.	0.2
Benzo[e]pyrene	N.D.	N.D.	0.2
Indeno[1,2,3-cd]pyrene	N.D.	N.D.	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.	/

Tested Item(s)	Result 3 Unit (mg/kg)	Result 4 Unit (mg/kg)	MDL Unit (mg/kg)
Naphthalene	N.D.	N.D.	0.2
Acenaphthylene	N.D.	N.D.	0.2
Acenaphthene	N.D.	N.D.	0.2
Fluorene	N.D.	N.D.	0.2
Phenanthrene	N.D.	N.D.	0.2
Anthracene	N.D.	N.D.	0.2
Fluoranthene	N.D.	N.D.	0.2
Pyrene	N.D.	N.D.	0.2
Acenaphthylene+Acenaphthene+ Fluorene+Phenanthrene+Pyrene+ Anthracene+Fluoranthene SUMs	N.D.	N.D.	/
Chrysene	N.D.	N.D.	0.2
Benzo[a]anthracene	N.D.	N.D.	0.2
Benzo[b]fluoranthene	N.D.	N.D.	0.2
Benzo[k]fluoranthene	N.D.	N.D.	0.2
Benzo[j]fluoranthene	N.D.	N.D.	0.2
Benzo[a]pyrene	N.D.	N.D.	0.2
Benzo[e]pyrene	N.D.	N.D.	0.2
Indeno[1,2,3-cd]pyrene	N.D.	N.D.	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.	/

Shenzhen Anbotek Compliance Laboratory Limited

Address: E. 4F, Building A, Hourui No.3 Industrial Zone, Xixiang Sub-district, Bao'an District,
 Shenzhen, China
 Tel:(86)755-26066089 Fax:(86)755-26066021 Email:service@anbotek.com



Hotline
 400-003-0500
 www.anbotek.com

Test Report

No. SZR151010010001-2

Date: Oct. 22, 2015


Page 5 of 10

Tested Item(s)	Result 5 Unit (mg/kg)	Result 6 Unit (mg/kg)	MDL Unit (mg/kg)
Naphthalene	N.D.	N.D.	0.2
Acenaphthylene	N.D.	N.D.	0.2
Acenaphthene	N.D.	N.D.	0.2
Fluorene	N.D.	N.D.	0.2
Phenanthrene	N.D.	N.D.	0.2
Anthracene	N.D.	N.D.	0.2
Fluoranthene	N.D.	N.D.	0.2
Pyrene	N.D.	N.D.	0.2
Acenaphthylene+Acenaphthene+ Fluorene+Phenanthrene+Pyrene+ Anthracene+Fluoranthene SUMs	N.D.	N.D.	/
Chrysene	N.D.	N.D.	0.2
Benzo[a]anthracene	N.D.	N.D.	0.2
Benzo[b]fluoranthene	N.D.	N.D.	0.2
Benzo[k]fluoranthene	N.D.	N.D.	0.2
Benzo[j]fluoranthene	N.D.	N.D.	0.2
Benzo[a]pyrene	N.D.	N.D.	0.2
Benzo[e]pyrene	N.D.	N.D.	0.2
Indeno[1,2,3-cd]pyrene	N.D.	N.D.	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.	/

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.	N.D.	0.2
Acenaphthene	N.D.	N.D.	0.2
Fluorene	N.D.	N.D.	0.2
Phenanthrene	N.D.	N.D.	0.2
Anthracene	N.D.	N.D.	0.2
Fluoranthene	N.D.	N.D.	0.2
Pyrene	N.D.	N.D.	0.2
Acenaphthylene+Acenaphthene+ Fluorene+Phenanthrene+Pyrene+ Anthracene+Fluoranthene SUMs	N.D.	N.D.	/

Shenzhen Anbotek Compliance Laboratory Limited

Address: E. 4F, Building A, Hourui No.3 Industrial Zone, Xixiang Sub-district, Bao'an District,
 Shenzhen, China
 Tel:(86)755-26066089 Fax:(86)755-26066021 Email:service@anbotek.com

 **Hotline**
 400-003-0500
 www.anbotek.com

Test Report

No. SZR151010010001-2

Date: Oct. 22, 2015


Page 6 of 10

Tested Item(s)	Result 7 Unit (mg/kg)	Result 8 Unit (mg/kg)	MDL Unit (mg/kg)
Chrysene	N.D.	N.D.	0.2
Benzo[a]anthracene	N.D.	N.D.	0.2
Benzo[b]fluoranthene	N.D.	N.D.	0.2
Benzo[k]fluoranthene	N.D.	N.D.	0.2
Benzo[j]fluoranthene	N.D.	N.D.	0.2
Benzo[a]pyrene	N.D.	N.D.	0.2
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	N.D.	N.D.	0.2
Benzo[g,h,i]perylene	N.D.	N.D.	0.2
18 PAHs SUMs	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	N.D.	N.D.	0.2
Acenaphthene	N.D.	N.D.	0.2
Fluorene	N.D.	N.D.	0.2
Phenanthrene	N.D.	N.D.	0.2
Anthracene	N.D.	N.D.	0.2
Fluoranthene	N.D.	N.D.	0.2
Pyrene	N.D.	N.D.	0.2
Acenaphthylene+Acenaphthene+ Fluorene+Phenanthrene+Pyrene+ Anthracene+Fluoranthene SUMs	N.D.	N.D.	/
Chrysene	N.D.	N.D.	0.2
Benzo[a]anthracene	N.D.	N.D.	0.2
Benzo[b]fluoranthene	N.D.	N.D.	0.2
Benzo[k]fluoranthene	N.D.	N.D.	0.2
Benzo[j]fluoranthene	N.D.	N.D.	0.2
Benzo[a]pyrene	N.D.	N.D.	0.2
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	N.D.	N.D.	0.2
Benzo[g,h,i]perylene	N.D.	N.D.	0.2
18 PAHs SUMs	N.D.	N.D.	/

Shenzhen Anbotek Compliance Laboratory Limited

Address: E. 4F, Building A, Hourui No.3 Industrial Zone, Xixiang Sub-district, Bao'an District,
 Shenzhen, China
 Tel:(86)755-26066089 Fax:(86)755-26066021 Email:service@anbotek.com

 Hotline
 400-003-0500
 www.anbotek.com

Test Report

No. SZR151010010001-2

Date: Oct. 22, 2015

Page 7 of 10

Tested Item(s)	Result 11 Unit (mg/kg)	MDL Unit (mg/kg)
Naphthalene	N.D.	0.2
Acenaphthylene	N.D.	0.2
Acenaphthene	N.D.	0.2
Fluorene	N.D.	0.2
Phenanthrene	N.D.	0.2
Anthracene	N.D.	0.2
Fluoranthene	N.D.	0.2
Pyrene	N.D.	0.2
Acenaphthylene+Acenaphthene+ Fluorene+Phenanthrene+Pyrene+ Anthracene+Fluoranthene SUMs	N.D.	/
Chrysene	N.D.	0.2
Benzo[a]anthracene	N.D.	0.2
Benzo[b]fluoranthene	N.D.	0.2
Benzo[k]fluoranthene	N.D.	0.2
Benzo[j]fluoranthene	N.D.	0.2
Benzo[a]pyrene	N.D.	0.2
Benzo[e]pyrene	N.D.	0.2
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.	0.2
18 PAHs SUMs	N.D.	/

Note:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

Shenzhen Anbotek Compliance Laboratory Limited

Address: E. 4F, Building A, Hourui No.3 Industrial Zone, Xixiang Sub-district, Bao'an District,
Shenzhen, China
Tel: (86)755-26066089 Fax: (86)755-26066021 Email: service@anbotek.com



Hotline
400-003-0500
www.anbotek.com

Test Report

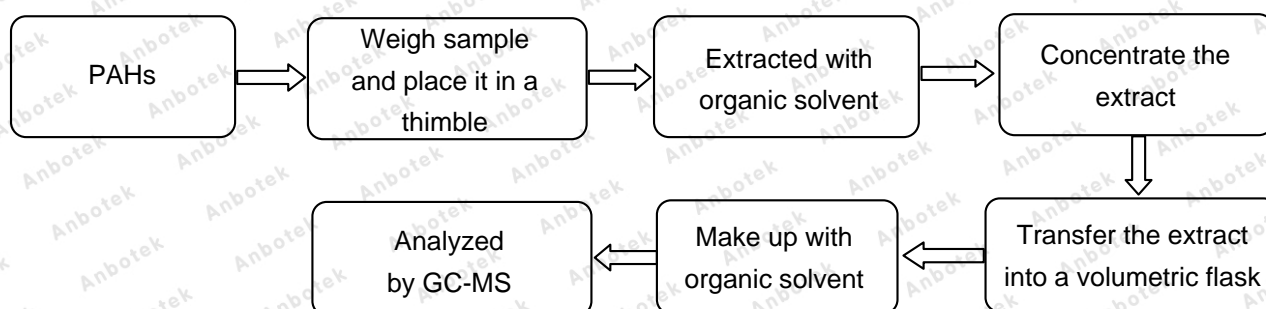
No. SZR151010010001-2

Date: Oct. 22, 2015

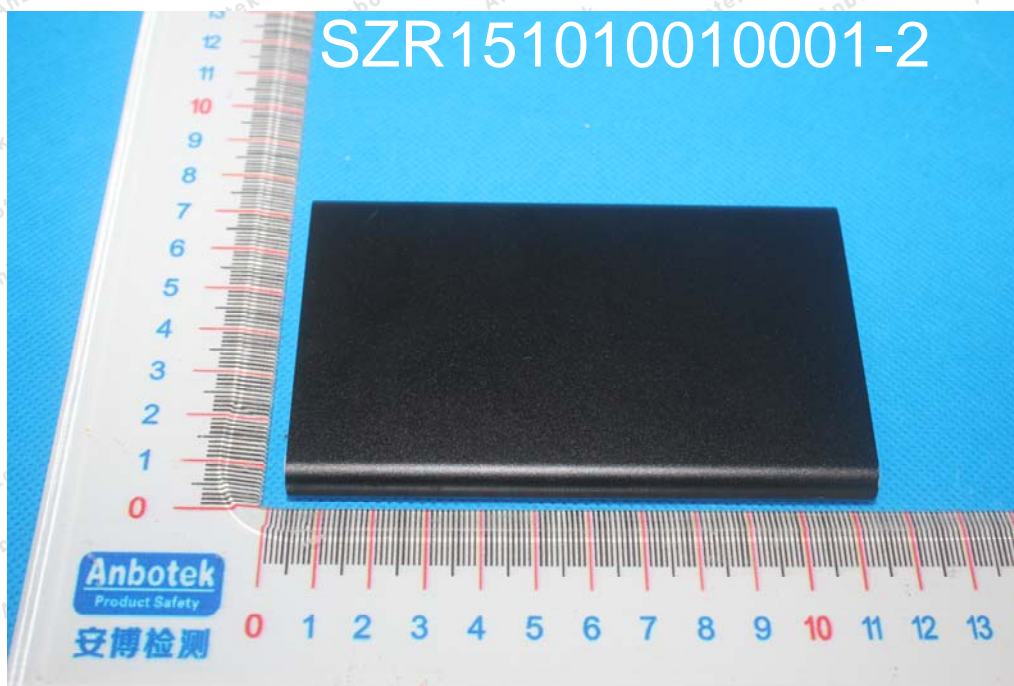
Page 8 of 10

Test Process:

◆ AfPS GS 2014:01 PAK



Photograph of Sample



Shenzhen Anbotek Compliance Laboratory Limited

Address: E. 4F, Building A, Hourui No.3 Industrial Zone, Xixiang Sub-district, Bao'an District, Shenzhen, China
Tel: (86)755-26066089 Fax: (86)755-26066021 Email: service@anbotek.com



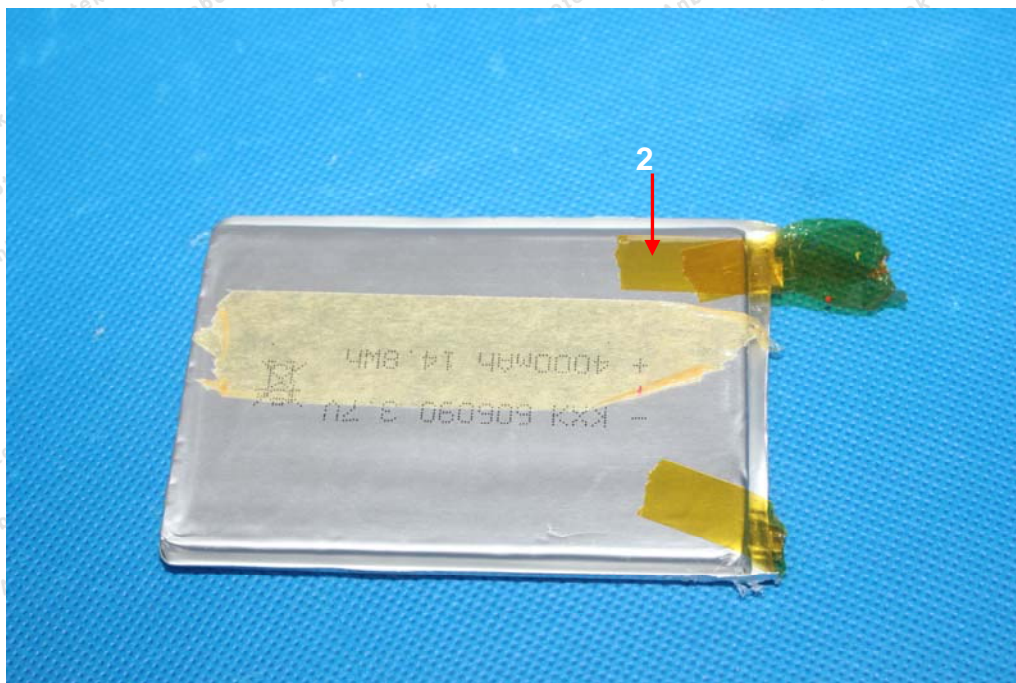
Hotline
400-003-0500
www.anbotek.com

Test Report

No. SZR151010010001-2

Date: Oct. 22, 2015

Page 9 of 10

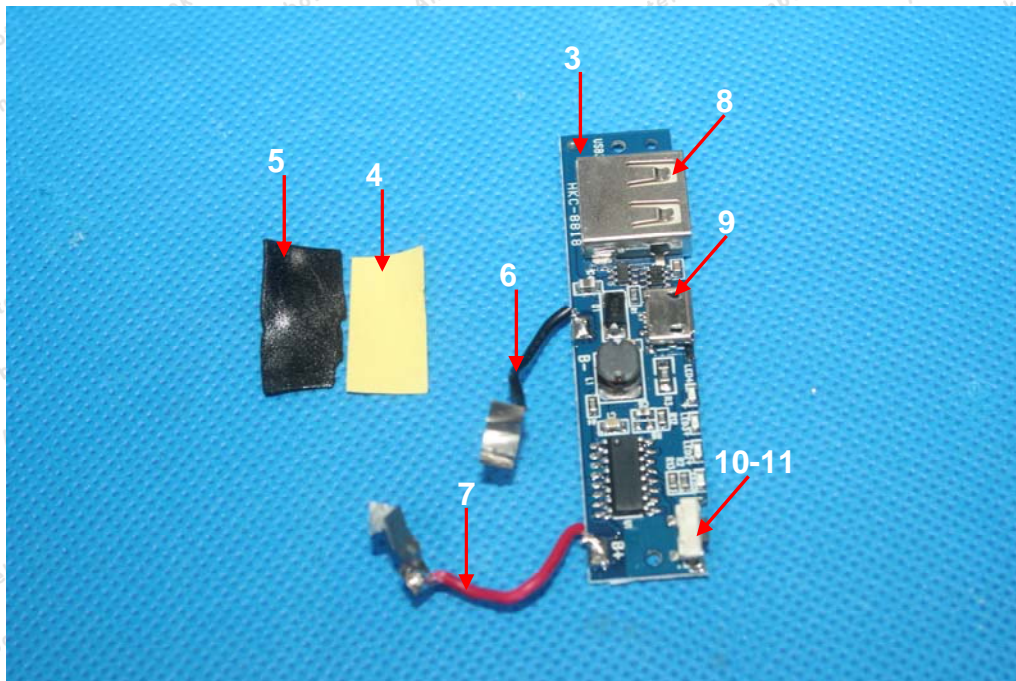


Test Report

No. SZR151010010001-2

Date: Oct. 22, 2015

Page 10 of 10



***** End of Report *****

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of Anbotek, this report can't be reproduced except in full.