

Test Report

No. BCTC-FYC18125344R

Date: Dec. 14, 2018

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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 : 2500mAh Power bank with micro USB cable

Type /model : S25

Manufacturer :

Address :

Sample received date : Dec. 11, 2018

Testing period : Dec. 11, 2018 - Dec. 14, 2018

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

*****For more detailed information, please refer to the next page*****

Tested by Ace


Weicheng Zhang

Approved by Linhang

Chaobiao Zhang

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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
Indenol[1,2,3-cd]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
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

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Tested Sample/Part Description:


- 1 White plastic outside shell mixed
- 2 White wire jacket and white plastic mixed
- 3 Gray wire jacket and gray plastic mixed

Test Result(s):

Tested Item(s)	Result Unit (mg/kg)			MDL Unit (mg/kg)
	1	2	3	
Naphthalene	N.D.	N.D.	N.D.	0.2
Acenaphthylene	N.D.	N.D.	N.D.	0.2
Acenaphthene	N.D.	N.D.	N.D.	0.2
Fluorene	N.D.	N.D.	N.D.	0.2
Phenanthrene	N.D.	0.31	N.D.	0.2
Anthracene	N.D.	0.58	N.D.	0.2
Fluoranthene	N.D.	N.D.	N.D.	0.2
Pyrene	N.D.	N.D.	N.D.	0.2
Acenaphthylene+Acenaphthene+ Fluorene+Phenanthrene+Pyrene+ Anthracene+Fluoranthene SUMs	N.D.	N.D.	N.D.	/
Chrysene	N.D.	N.D.	N.D.	0.2
Benzo[a]anthracene	N.D.	N.D.	N.D.	0.2
Benzo[b]fluoranthene	N.D.	N.D.	N.D.	0.2
Benzo[k]fluoranthene	N.D.	N.D.	N.D.	0.2
Benzo[j]fluoranthene	N.D.	N.D.	N.D.	0.2
Benzo[a]pyrene	N.D.	N.D.	N.D.	0.2
Benzo[e]pyrene	N.D.	N.D.	N.D.	0.2
Indenol[1,2,3-cd]pyrene	N.D.	N.D.	N.D.	0.2
Dibenz[a,h]anthracene	N.D.	N.D.	N.D.	0.2
Benzo[g,h,i]perylene	N.D.	N.D.	N.D.	0.2
18 PAHs SUMs	N.D.	N.D.	N.D.	/

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Note:

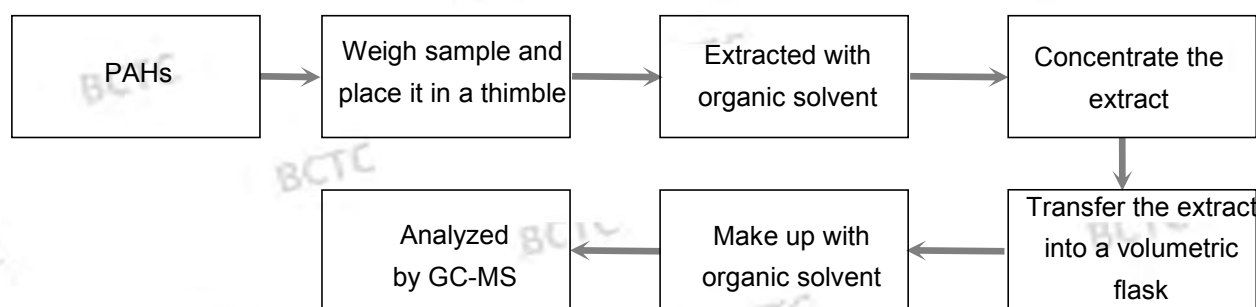
-MDL = Method Detection Limit

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

-mg/kg = ppm = parts per million

Test Process:

◆AfPS GS 2014:01 PAK



Photograph of Sample

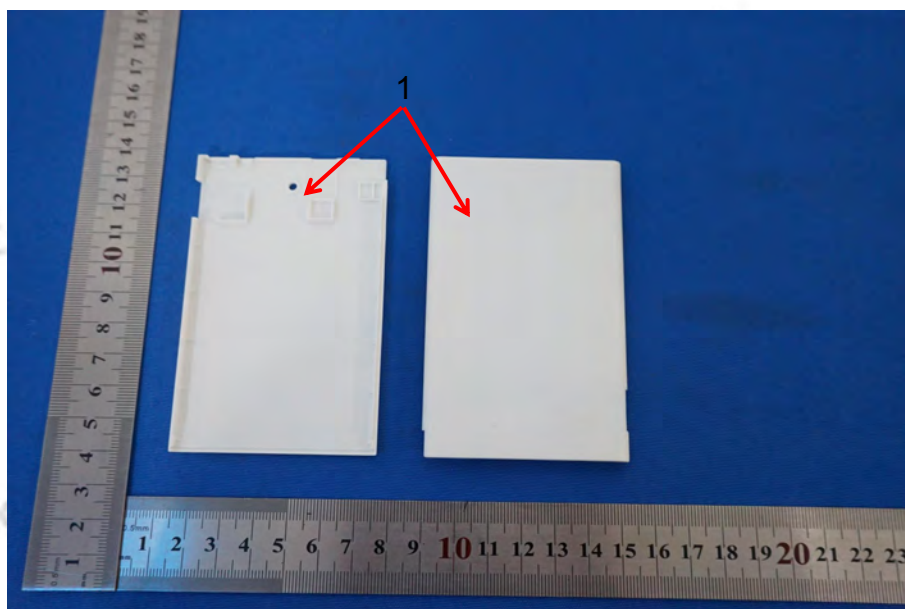



Fig. 1

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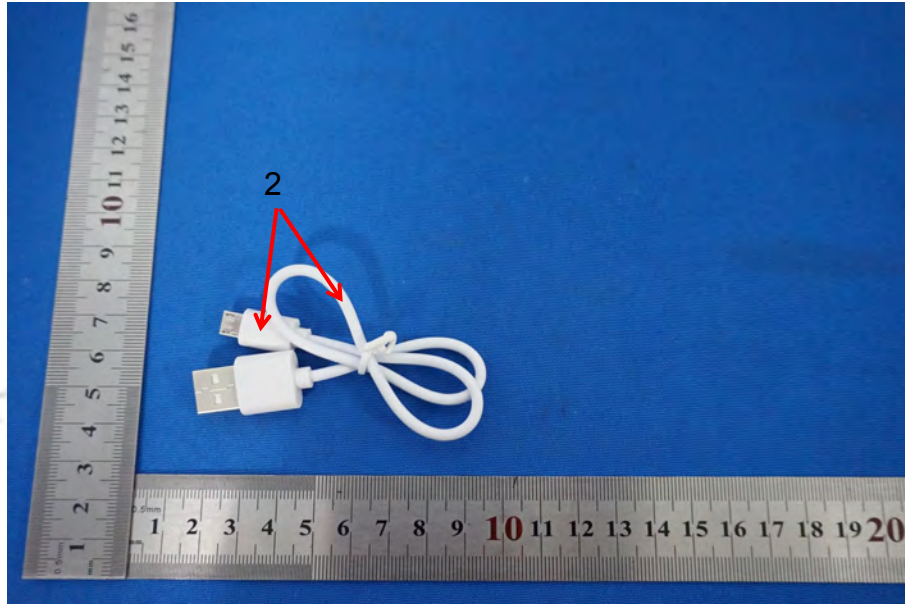


Fig. 2

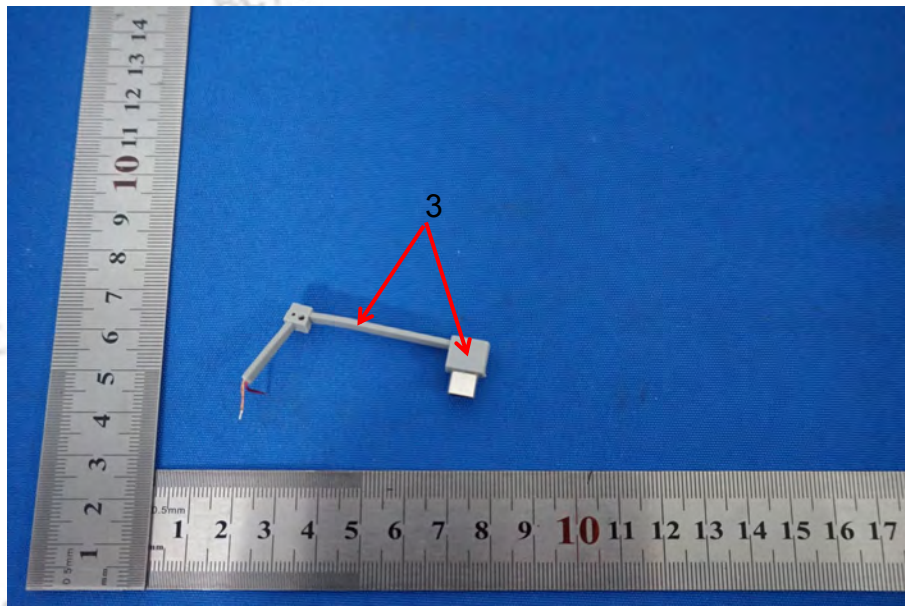


Fig. 3

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

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