Test Report

No. BCTC-FYC20065653R   Date: Jun. 11, 2020   Page 1 of 6

Applicant   :

Address   :

The submitted sample and sample information was/were submitted and identified by/on the behalf of the client

Sample name   :

Sample received date   :   Jun. 4, 2020

Testing period   :   Jun. 4, 2020. - Jun. 11, 2020.

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 _____   Approved by _____

Weicheng Zhang   Chaobiao Zhang

Test Report

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 Materials intended to be put in the mouth or materials of toys for long-term skin contact (longer than 30 seconds)	Category 2 Materials not covered by category 1, with foreseeable skin contact for long-term (longer than 30 seconds) or repeated skin contact for short-term		Category 3 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

Test Report

Tested Sample/Part Description:

1   Yellow bamboo outside shell
2   USB white plastic USB white wire jacket mixed

Test Result(s):

Tested Item(s)	Result Unit (mg/kg)		MDL Unit (mg/kg)
	1	**2**	
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.	/

Note:

-MDL = Method Detection Limit

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

-mg/kg = ppm = parts per million

Lab:Shenzhen BCTC Testing Co.,Ltd.

Test Process:

◆AfPS GS 2014:01 PAK

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┌──────────┐     ┌──────────────────┐     ┌──────────────┐     ┌──────────────┐
│   PAHs   │ ──▶ │ Weigh sample and │ ──▶ │ Extracted with│ ──▶ │ Concentrate  │
│          │     │ place it in a    │     │ organic solvent│     │ the extract  │
│          │     │ thimble          │     │              │     │              │
└──────────┘     └──────────────────┘     └──────────────┘     └──────────────┘
                                                                        │
                                                                        ▼
┌──────────┐     ┌──────────────────┐     ┌──────────────────────┐
│ Analyzed │ ◀── │ Make up with     │ ◀── │ Transfer the extract │
│ by GC-MS │     │ organic solvent  │     │ into a volumetric    │
│          │     │                  │     │ flask                │
└──────────┘     └──────────────────┘     └──────────────────────┘
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Photograph of Sample

Fig.1

Lab:Shenzhen BCTC Testing Co.,Ltd.

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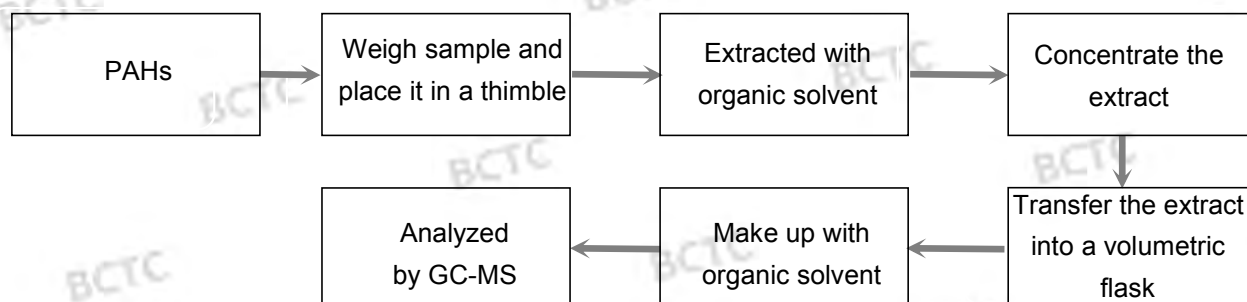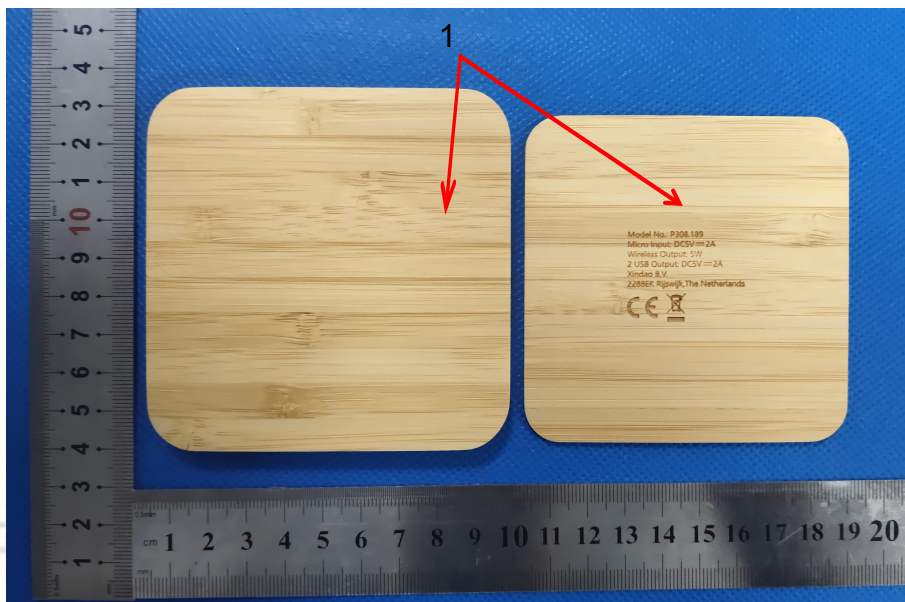
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Fig.2

Fig.3

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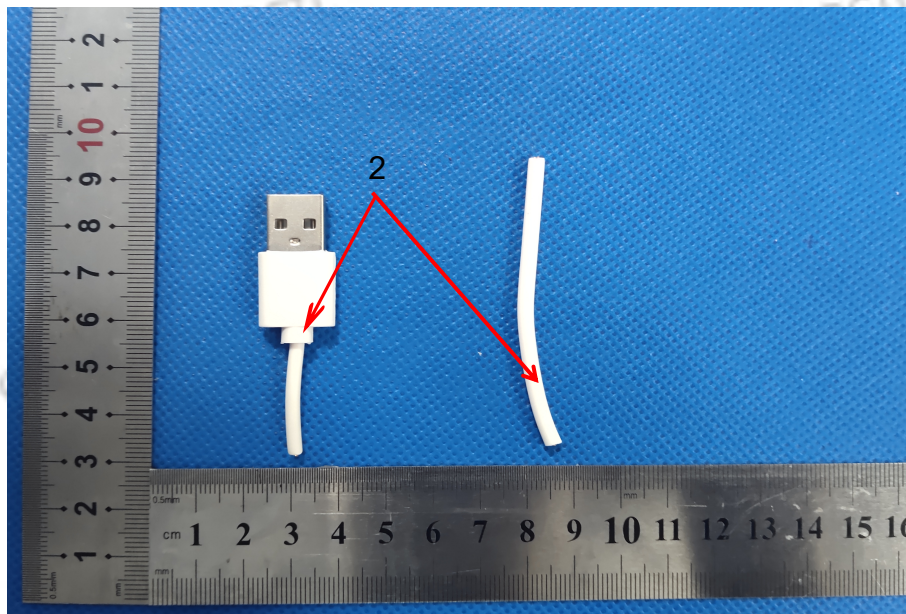Tel : (86)0755-33229357   Fax : 0755-33229357

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Fig.4

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