

Test Report

No. BCTC-FYC18125343R

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, based on the list published by European chemicals agency (ECHA) for public consultation regarding regulation (EC) No 1907/2006 concerning the REACH, to test Substances of Very High Concern (SVHC) Phthalates content in the submitted sample.


Test Method:

Tested Item(s)	Test Method	Measured Equipment(s)
Phthalates	IEC 62321-8:2017 Ed.1.0	GC-MS

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

Tested by Ace
Weicheng ZhangApproved by limhang
Chaobiao Zhang**Lab:Shenzhen BCTC Testing Co.,Ltd.**

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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

Report Result(s):

Code	Test Item	CAS No.	EC No.	Report Limit (%)	Report Results (%)		
					1	2	3
1	Dibutyl phthalate(DBP)	84-74-2	201-557-4	0.005	N.D.	N.D.	N.D.
2	Benzyl butyl phthalate(BBP)	85-68-7	201-622-7	0.005	N.D.	N.D.	N.D.
3	Bis (2-ethylhexyl)phthalate(DEHP)	117-81-7	204-211-0	0.005	N.D.	N.D.	N.D.
4	Diisobutyl phthalate(DIBP)	84-69-5	201-553-2	0.005	N.D.	N.D.	N.D.
5	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters(DHNUP)*	68515-42-4	271-084-6	0.005	N.D.	N.D.	N.D.
6	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters,C7-rich(DIHP)	71888-89-6	276-158-1	0.005	N.D.	N.D.	N.D.
7	Bis(2-methoxyethyl) phthalate(DMEP)	117-82-8	204-212-6	0.005	N.D.	N.D.	N.D.
8	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear(PIPP)	84777-06-0	284-032-2	0.005	N.D.	N.D.	N.D.
9	Diisopentylphthalate(DIPP)	605-50-5	210-088-4	0.005	N.D.	N.D.	N.D.
10	N-pentyl-isopentylphthalate	776297-69-9	--	0.005	N.D.	N.D.	N.D.
11	Dipentyl phthalate(DPP)	131-18-0	205-017-9	0.005	N.D.	N.D.	N.D.
12	Dihexyl phthalate(DHP)	84-75-3	201-559-5	0.005	N.D.	N.D.	N.D.
13	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear(DIHepP)	68515-50-4	271-093-5	0.005	N.D.	N.D.	N.D.
14	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	0.005	N.D.	N.D.	N.D.
15	Di-n-hexyl phthalate (DNHP)	84-75-3	201-559-5	0.005	N.D.	N.D.	N.D.

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Note:


1. mg/kg = ppm = 10^{-6}
2. % = w/w
3. N.D. : < Report Limit
4. *The detected DHNUP are consisted of six phthalates which CAS number are 85507-79-5, 68515-44-6, 68515-45-7, 111381-89-6, 111381-90-9 and 111381-91-0. according to the Annex 15 of REACH.
5. Report Results: based on measurements in most cases will identify the chemical constituents in the sample but not necessarily "the substance" which were originally used to produce the article, professional consults, products information, testing processes, features of materials, characteristics of the SVHC and chemical analysis etc to obtain the assessments results according to the 5.2 item of the second version of ECHA "Guidance on requirements for substances in articles", 2011.
6. Report Limit: Be obtained from the uncertainty, the 0.1 % threshold and the ECHA "Guidance on requirements for substances in articles".

Appendix:

1. Any supplier of an article containing a substance that is included in the Candidate List in a concentration above 0.1 % weight by weight (w/w) has the duty to communicate information in accordance with Article 33 of European Union regulation concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).
 - 1) Any supplier shall provide the recipient of the article with sufficient information to allow safe use of the article including, as a minimum, the name of that substance.
 - 2) On request by a consumer any supplier shall provide the consumer with sufficient information to allow safe use of the article including, as a minimum, the name of that substance within 45 days of receipt of the request, free of charge.
2. The supplier of a substance that is included in the Candidate List on their own shall provide the recipient of the substance with a safety data sheet for free compiled in accordance with Article 3 and Annex II of REACH.
3. The supplier of a mixture that containing a substance that is included in the Candidate List shall exchange information in accordance with Article 31, Article 32, and Annex II of REACH.
 - 1) Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation meets the criteria for classification as dangerous in accordance with Directives 1999/45/EC.
 - 2) Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation does not meet the criteria for classification as dangerous in accordance with Directive 1999/45/EC, but contains any substance that is included in the Candidate List in an individual concentration of ≥ 0.1 % by weight for non-gaseous mixtures or ≥ 0.2 % by volume for gaseous mixtures.

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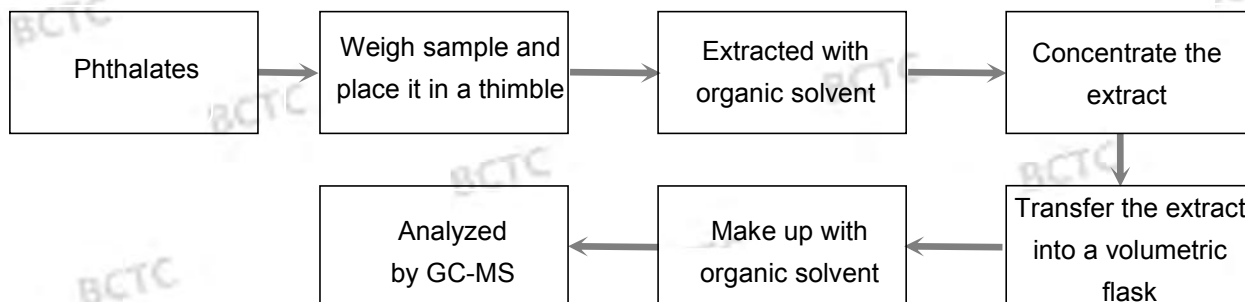
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Test Process:

◆ IEC 62321-8:2017 Ed.1.0



Photograph of Sample

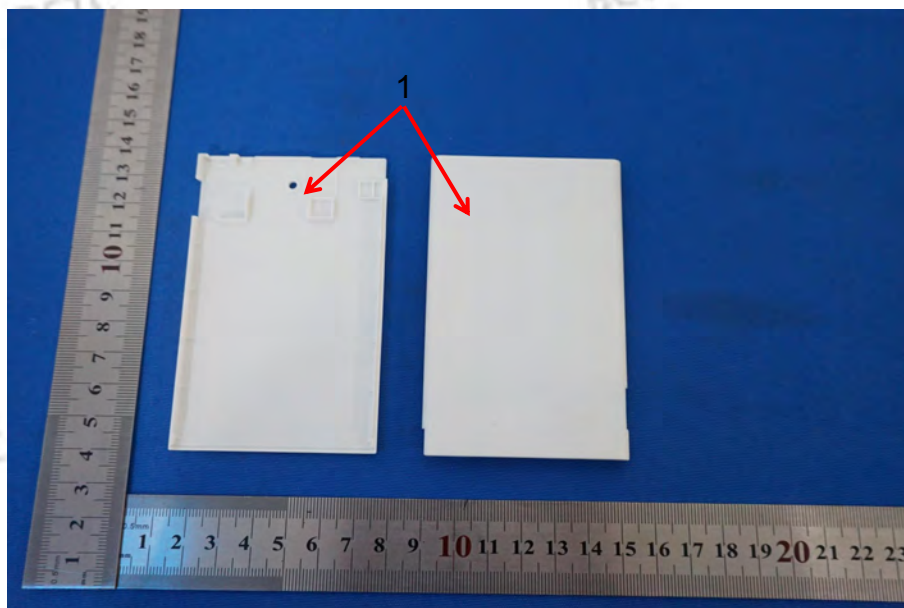


Fig. 1

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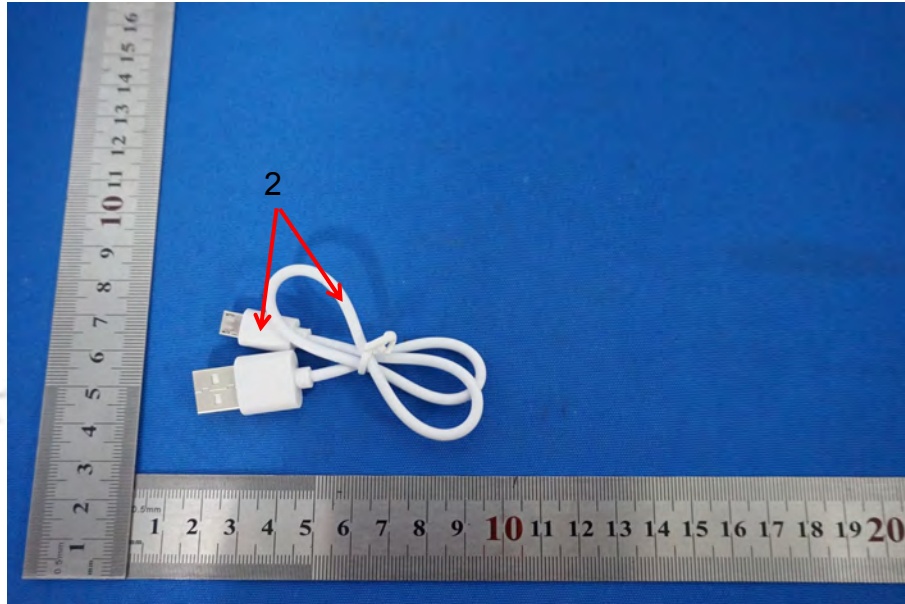


Fig. 2

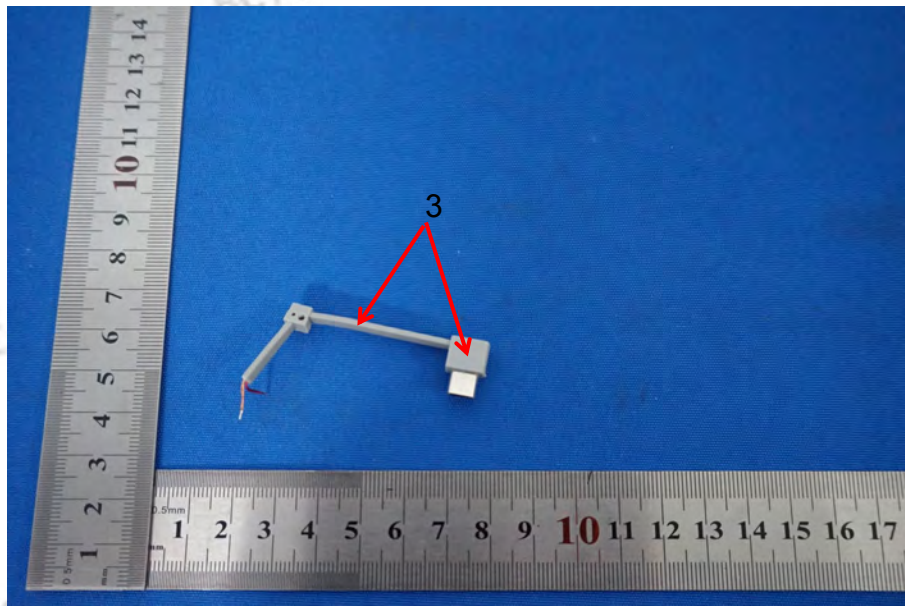


Fig. 3

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

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