# UONE

### **Test Report**

Report No.: U01503200323051E

Query Password: QW5143

Date: Mar. 27, 2020

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### Applicant: Contact information:

The following sample(s) was (were) submitted and identified by client as:

P308.089

Sample Description

: 5W wireless charging cork mousepad and stand

Style/Item No.

Sample Received Date : N

- Mar. 23, 2020
- : From Mar. 23, 2020 to Mar. 27, 2020
- : Please refer to next page(s).

Test Result(s)

**Testing Period** 

Test Request

Please refer to next page(s).

Signed for and on behalf of Shen Zhen UONE Test Co., LTD.

Prepared by

Checked by

Approved by

Varcia

Marcia Deng

Nora Deng

Pascal Shi

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Report No.: U01503200323051E	Query Password: QW5143	Date: Mar. 27, 2020	Page 2 of 11
Summary of Test Results:	10 10 10	S. 12	S 5
TEST REQUEST			CONCLUSION
	ium(Cd), Mercury(Hg), Hexavalent Bs) and Polybrominated DiphenylE	Chromium(Cr(VI)),	PASS
(2) To determine Phthalates (DBP,	BBP, DEHP, DIBP) content by che	mical test	PASS

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Tel:+86-755-23695858 Web:www.uonecn.com 48 Building B4 China Merchants G Fax:+86-755-23699878 E-mail:service@uonetest.com

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Material No.	Description (Location)	Photo(s) of tested materials
0 1,0	Black magnetic sheet	e" ,10%
2	Pink fiber silk	· · ·
3	Copper metal(wire)	12-34 56789 1
4	Yellow transparent packaging tape	
5	Silvery metal(solder)	
6 5	Yellow body(capacitor)	12-14 15
<u></u>	Black body(IC)	12-14 15
8 50	Black body(resistor)	8 8 8 8
29 2	Black body(diode)	4. 4. 6. 6
	Black body(resistor) White body(LED)	
12	Silvery metal(shell)	12-34 56789 1
13	Copper metal(pin)	
14	Black plastic(pin fixer)	

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E-mail:service@uonetest.com

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Material No.	Description (Location)	Photo(s) of tested material
0 <sup>16</sup>	Silvery metal(shell)	16-18 20 22-24
17 17	Copper metal(pin)	
18	White plastic(pin fixer)	SOME JOHE JOHE JO
John John	Transparent hot melt adhesive	19
20	White plastic(wire jacket)	16-18 20 22-24
21	Silvery magnet	21

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Tel:+86-755-23695858 Web:www.uonecn.com Fax:+86-755-23699878 E-mail:service@uonetest.com

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Material No.	Description (Location)	Photo(s) of tested materials
22	Silvery metal(shell)	16-18 20 22-24
23	Copper metal(pin)	
24	Grey black plastic(pin fixer)	
25	Grey paper	25 26 27 28
26	Grey white paper	
27	Yellow paper	S 2
28	Black lint	
29	Yellow plastic(wire jacket)	3° 3° 3° 3°
30	Copper metal(wire)	29-30 31 32 33 341
31	Black plastic(wire jacket)	
32	Red plastic(wire jacket)	
33	Green PCB	
34	Silvery metal(solder)	

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Test Result(s):

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(1) Lead (Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls (PBBs) and Polybrominated DiphenylEthers (PBDEs)

<u>Test Method:</u> IEC62321-3-1: 2013, IEC62321-4: 2013+A1:2017, IEC62321-5: 2013, IEC62321-6: 2015, IEC 62321-7-1:2015, IEC 62321-7-2: 2017, analyzed by EDXRF & ICP-OES & GC-MS & UV-Vis.

.01	EDXRF Result <sup>(1)</sup>					Chemical Result <sup>(2)</sup>		ON ON
No.	Pb	Cd	Hg	Cr	Br	(mg/kg)	Remark <sup>(3)</sup>	Conclusion
.1%	BL	BL	BL	BL	BL	OHE OHE	Mr. OMr.	PASS
2	BL	BL	BL	BL	BL	2. 2. 0.	0	PASS
3	BL	BL	BL	BL	NA	14 - 14 C	11-11	PASS
4	BL	BL	BL	BL	BL	20. 20. 21	· 10.	PASS
5	BL	🖉 BL	BL	BL	NA	10 - 10	& - &	PASS
6	BL	BL	BL	BL	BL	Jon Jon Jo	Se Sol	PASS
7	BL	BL	BL	BL	BL	4 - 6	6 - 6	PASS
8	BL	BL	BL	BL	BL	OM TOM IC	Mr. Ohr	PASS
9	BL	BL	BL	BL	BL		2	PASS
10	BL	S BL	BL	BL	BL	Mr - Mr	Mr -Mr	PASS
11	BL	BL	BL	BL	BL	20 20 2	10	PASS
12	BL	BL	BL	BL	NA	1 - 1	12- 12	PASS
13	BL	BLS	BL	BL	NA	20, 20, 20	, <del>7</del> 0,	PASS
14 🏑	BL	BL	BL	BL	BL	10 - 10	10 - 30	PASS
15	BL	BL	BL	BL	BL	10 - 20 - 10	he Der	PASS
16	BL	BL	BL	BL	NA		<u> </u>	PASS
17	BL	BL	BL	BL	NA	ONE ONE 10	Mr. Ohr	PASS
18	BL	BL	BL	BL	BL	0 0 0	2	PASS
19	BL	BL	BL	BL	BL	Mr - Mr	Mr -Mr	PASS
20	BL	BL	BL	BL	BL	2 2 2	22	PASS
21	BL	🖉 BL	BL	BL	BL	<u></u>	12- 12	PASS
22	BL	BLS	BL	BL	NA	20, 20, 20	in Por	PASS
23	BL	BL	BL	BL	NA	2 A.	2 2.	PASS

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深圳光明新区观光路3009号招商局光明科技园B4栋4B单元 Unit 4B,Building B4,China Merchants Guangming Science Park,Tourist Road 3009,Guangming New District,ShenZhen.

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No.	120	ED)	(RF Resu	ılt <sup>(1)</sup>	5	Chemical Result <sup>(2)</sup>		Conclusion
	Pb	Cd	Hg	Cr	Br	(mg/kg)	Remark <sup>(3)</sup>	
24	BL	BL	BL	BL	BL	_	—	PASS
25	BL	BL	BL	BL	BL	St St.	s s.	PASS
26	BLO	BL	BL	BL	BL	10 40 - 10 - 10	Mr. Phar.	PASS
27	BL	BL	BL	BL	BL		, <u> </u>	PASS
28	BL	BL	BL	BL	x	PBBs: N.D. PBDEs: N.D.	Mr. JOHN	PASS
29	BL	BL	BL	BL	BL		<u> </u>	PASS
30	BL	BL	BL	BL	NA	Mr - Mr . C	MrMr	PASS
31	BL	BL	BL	BL	BL	12 Dr 12	100	PASS
32	BL	BL	BL	BL	BL	14 - 14 ·	\$ - \$	PASS
33	BL	BL	BL	BL	X	PBBs: N.D. PBDEs: N.D.	. 70.	PASS
34	BL	BL .	BL	BL	NA	Se - Se .	& -&	PASS

#### Remark:

(1) ①Results are obtained by EDXRF for primary screening, and further wet chemical testing by ICP-OES (for Cd, Pb, Hg), UV-VIS (for Cr(VI)) and GC/MS (for PBBs, PBDEs) is recommended to be performed, if an inconclusive result was found (as "X" in below table) (unit: mg/kg).

②OL = Over Limit, BL = Below Limit, X = Inconclusive, NA = Not Applicable.

③The EDXRF screening test for RoHS elements – The reading may be different to the actual content in the sample be of non-uniformity composition

Sample b		0, 0, 0,	0,0,0
Element	Polymer	Metal	Composite Materials
Cd	BL ≤(70-3σ)< X <(130+3σ)≤ OL	BL ≤(70-3σ)< X <(130+3σ)≤ OL	LOD < X <(150+3σ)≤ OL
OD4	BL ≤(700-3σ)< X <(1300+3σ)≤	BL ≤(700-3σ)< X <(1300+3σ)≤	BL ≤(500-3σ)< X
Pb	OL	OL	<(1500+3σ)≤ OL
34	BL ≤(700-3σ)< X <(1300+3σ)≤	BL ≤(700-3σ)< X <(1300+3σ)≤	BL ≤(500-3σ)< X
Hg	O OL O	OL	<(1500+3σ)≤ OL
Br	BL ≤ (300-3σ)< X	NA	BL ≤ (250-3σ)< X
Cr	BL ≤ (700-3σ)< X	BL ≤ (700-3σ)< X	BL ≤ (500-3σ)< X

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Units and limits in EU RoHS Directive 2011/65/EU:

Element	Pb	Cd	Hg	Cr(VI)	PBBs(single)	PBDEs(single)
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Limit	1000	100	1000	1000	1000	1000

(2) ① mg/kg = ppm = 0.0001%, N.D. = Not Detected (Less than RL).

2 Unit and RL (Report limit) in wet chemical test.

Element	Pb	🚫 Cd 🔍	Hg	Cr(VI)	PBBs(single)	PBDEs(single)
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RL	2	2	2	2	5	5

③According to IEC 62321-7-1:2015, result on Cr(VI) for metal sample is shown as Positive/Negative. Negative = Absence of Cr(VI) coating, Positive = Presence of Cr(VI) coating.

Storage condition and production date of the tested sample are unavailable and thus results of Cr(VI) represent status of the sample at the time of testing.

4 According to IEC 62321-3-1:2013, this column represents the results of wet chem test.

(3) This column represents the exempted decoration of material or other related testing sample's information.

#### (2) Phthalates (DBP, BBP, DEHP, DIBP) content

Test Method: IEC 62321-8: 2017, analyzed by gas chromatographic- mass spectrometer (GC-MS).

Substances	DBP	BBP	DEHP	DIBP	Se is
CAS No.	84-74-2	85-68-7	117-81-7	84-69-5	JON JON
Limit (mg/kg)	1000	1000	1000	1000	Conclusion
RL (mg/kg)	30	30	30	30	,0 <sup>MF</sup> ,0 <sup>N</sup>
Material No.	0 0	Result	(mg/kg)		2 2
MA IN	N.D.	N.D.	N.D.	N.D.	PASS
2	N.D.	N.D.	N.D.	N.D.	PASS
<u></u> 4 <u></u>	N.D.	N.D.	N.D.	💉 N.D. 🏑	PASS
6 5	5 N.D.	N.D.	N.D.	N.D.	PASS
. 7 .	N.D.	N.D.	N.D.	🟑 N.D. 🏑	PASS
8	N.D. 0	N.D.	N.D.	N.D.	PASS
9	N.D.	N.D.	N.D.	N.D.	PASS

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深圳光明新区观光路3009号招商局光明科技园B4栋4B单元 Unit 4B,Building B4,China Merchants Guangming Science Park,Tourist Road 3009,Guangming New District,ShenZhen.

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Substances	DBP	BBP	DEHP	DIBP	32 32
CAS No.	84-74-2	85-68-7	117-81-7	84-69-5	8 3
Limit (mg/kg)	1000	1000	1000	1000	Conclusion
RL (mg/kg)	30	30	30	30	4.
Material No.	10 <sup>m</sup> 10 <sup>m</sup>	Result (	mg/kg)	10 <sup>10</sup> 10 <sup>10</sup>	01, 101
10	N.D.	N.D.	N.D.	N.D.	PASS
11 01	N.D.	N.D.	N.D.	N.D.	PASS
14	N.D.	N.D.	N.D.	N.D.	PASS
15	N.D.	N.D.	N.D.	N.D.	PASS
18	N.D.	N.D.	N.D.	N.D.	PASS
19	N.D.	N.D.	N.D.	🔬 N.D. 🏑	PASS
20	N.D.	N.D.	N.D.	N.D.	PASS
21	N.D.	N.D.	N.D.	N.D.	PASS
24	N.D.	N.D.	N.D.	N.D.	PASS
25	N.D.	N.D.	N.D.	N.D.	PASS
26	N.D.	N.D.	N.D.	N.D.	PASS
27	N.D.	N.D.	N.D.	N.D.	PASS
28	N.D.	N.D.	N.D.	N.D.	PASS
29	N.D.	N.D.	N.D.	N.D.	PASS
31	N.D.	N.D.	N.D.	🔬 N.D. 🏑	PASS
32	N.D.	N.D.	N.D.	N.D.	PASS
33	N.D.	N.D.	N.D.	N.D.	PASS

Note:

1. mg/kg = milligram per kilogram (ppm).

2. RL = report limit.

3. N.D.=not detected(less than RL).

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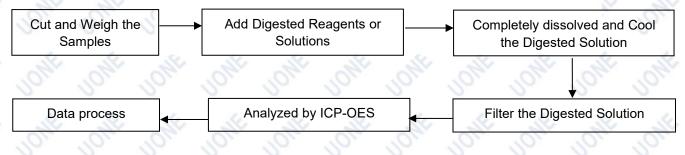
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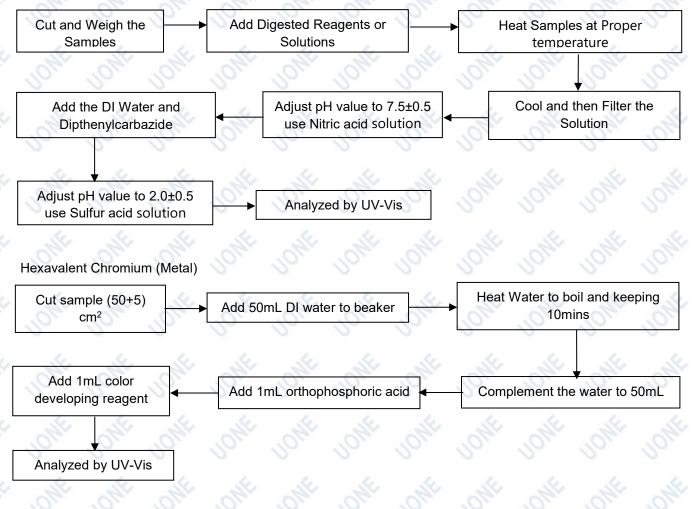
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**Test Process Flow** 

1. Lead, Cadmium, Mercury



2. Hexavalent Chromium (Non-metal)



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Tel:+86-755-23695858 Web:www.uonecn.com Building B4 China Merchants ( Fax:+86-755-23699878 E-mail:service@uonetest.com

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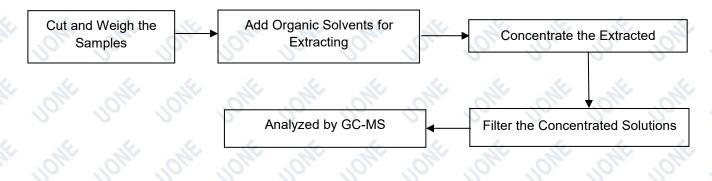
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### Test Process Flow (Continued):





Remark: The test result(s) is(are) copied from the test report No. U01501191219049E, dated Dec. 25, 2019.

#### Photo(s) of Sample:



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

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Hotline:400-774-3358 Web:www.uonetest.com 光阳利技员R4栋4R单元 Unit 4R

Tel:+86-755-23695858 Web:www.uonecn.com

Fax:+86-755-23699878 E-mail:service@uonetest.com