

Report No.: CSTR141215140 Date: December 17, 2014 Page 1 of 7

Applicant

Applicant Address

Manufacturer

Manufacturer Address

The following samples were submitted by the client said to be:

Sample Name : Car charger Model No. : ECC014

Sample Receiving Date : December 15, 2014

Date of Test : December 15 - 17, 2014

Test Requested : As requested by the applicant, submitted sample was screened

by XRF spectroscopy for EU Directive 2011/65/EU Annex II;

recasting 2002/95/EC.

Test Results : Details, please refer to the following pages.

Salar Salar Salar

Tested by (name + signature)..... Le

Lena Liang

Approved by (name + signature).....: Susan Chen

Longon Chan



(1) The test results exclusively refer to the samples examined.

(2) This report shall not be reproduced except in full without written approval and does not authorize the use of Shenzhen Certification Technology Service Co., Ltd.

(3) The report is invalid without signature and seal of Shenzhen Certification Technology Service Co., Ltd.

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(A) The test result of XRF:

As per IEC 62321-3-1:2013, screened by XRF spectroscopy.

No.	Component Description	Test Item	XRF Result
	Carlle dies - Carlledon	Cadmium (Cd)	P P
	The stan feether	Lead (Pb)	P P
	White plastic shell	Mercury (Hg)	P Common
	5 6	Chromium (Cr)	1111/1/1/1/1/P
	The recursion 1111/	Bromine (Br)	P.VIII
2	S. Carlos Common	Cadmium (Cd)	eeriffcatt P Innivigu
		Lead (Pb)	Patron
	Blue plastic cover	Mercury (Hg)	1// P
	Technology 111//	Chromium (Cr)	P
	ation monogy	Bromine (Br)	P
	- Company of the Comp	Cadmium (Cd)	P
		Lead (Pb)	P
3	Silver color metal head	Mercury (Hg)	P 500
		Chromium (Cr)	\\\\P
	atton recino	Bromine (Br)	- 111/
		Cadmium (Cd)	P = 9
	Carintain	Lead (Pb)	P
4	Silver color metal spring	Mercury (Hg)	
		Chromium (Cr)	P
		Bromine (Br)	SO
11///	- Tulkania	Cadmium (Cd)	P
	W///	Lead (Pb)	P
5	Silver color metal shrapnel	Mercury (Hg)	P
7.		Chromium (Cr)	P
		Bromine (Br)	= //
n rechnology 111	Silver color metal of USB base	Cadmium (Cd)	P
		Lead (Pb)	P P
6		Mercury (Hg)	P/
		Chromium (Cr)	P
		Bromine (Br)	75 <u>-</u> S
7	Silver color metal pin of USB base	Cadmium (Cd)	P //
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	=



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No.	Component Description	Test Item	XRF Result
111//	Cancalia	Cadmium (Cd)	P
	A117.	Lead (Pb)	P
8	White plastic of USB	Mercury (Hg)	P
	base	Chromium (Cr)	P 1111/2
	Cartina Fedinal	Bromine (Br)	P = Main
1004	Carines	Cadmium (Cd)	P Contraction
		Lead (Pb)	111/16 P
9	PCB	Mercury (Hg)	P.III
	a dicating and a feet manager	Chromium (Cr)	P Joseph
	Cartilleation	Bromine (Br)	P
Technolossi 11	11100	Cadmium (Cd)	P
	and the state of t	Lead (Pb)	P
10	IC .	Mercury (Hg)	P
	Emande admin	Chromium (Cr)	P
	Cartin	Bromine (Br)	P
S	Zou Committee	Cadmium (Cd)	10 P
		Lead (Pb)	111/P
11	Wire core of inductor	Mercury (Hg)	= P
	Cartical	Chromium (Cr)	P
	Cartification	Bromine (Br)	
- Tachno	111/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/	Cadmium (Cd)	,11/, P
	= James and July	Lead (Pb)	P
12	Skeleton of inductor	Mercury (Hg)	P
	Zillication readmin	Chromium (Cr)	P
	A177.	Bromine (Br)	P
Cation		Cadmium (Cd)	1111/16 P
	teation feeting	Lead (Pb)	R\\\\\
13	Capacitor	Mercury (Hg)	Prednoise
	Cortifica	Chromium (Cr)	Princeton
	1/10	Bromine (Br)	11/16 P
	1111/	Cadmium (Cd)	P/
	Technology 1	Lead (Pb)	P 00094
14	Capacitor	Mercury (Hg)	7/P
		Chromium (Cr)	** P
	.11//	Bromine (Br)	P 60
15	3 110	Cadmium (Cd)	P
	The House Recommendation of the Land State of th	Lead (Pb)	P
	Resistor	Mercury (Hg)	P = 1
	Continue	Chromium (Cr)	P Contraction
	31111/16	Bromine (Br)	311// ₄₄ P



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No.	Component Description	Test Item	XRF Result
31111/16	Cortification	Cadmium (Cd)	P
	111/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/	Lead (Pb)	P
16	Diode	Mercury (Hg)	Р
	at the state of th	Chromium (Cr)	P
	The ston teal	Bromine (Br)	P P
E Company	411/4	Cadmium (Cd)	P Common
	Carlo III	Lead (Pb)	P
17	Fuse	Mercury (Hg)	P.\\//
	dan Technology	Chromium (Cr)	P Innoiogu
	Carine	Bromine (Br)	P
Sin tedament	1//	Cadmium (Cd)	1// P 2
	Technology 111/	Lead (Pb)	nones P
18	LED	Mercury (Hg)	P
	Triffication .	Chromium (Cr)	P
		Bromine (Br)	Р
	11//	Cadmium (Cd)	P
	- Colons	Lead (Pb)	P
19	LED	Mercury (Hg)	- P
	Ecolor Control of the	Chromium (Cr)	P P
	Certificati	Bromine (Br)	P

Remark:

- (1) There are the results on total Br while test items on restricted substances are PBBs and PBDEs.

 There is the result on total Cr while test item on restricted substances is Cr(VI).
- (2) Results are obtained by EDXRF for primary screening, and further 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 the concentration exceeds the below warning value according to IEC62321 (unit: mg/kg).

Element	Polymer Material	Metallic Material	Composite Material
Cadmium (Cd)	P≤70-3σ <ic<< td=""><td>P≤70-3σ<ic<< td=""><td>P ≤50-3σ<ic<< td=""></ic<<></td></ic<<></td></ic<<>	P≤70-3σ <ic<< td=""><td>P ≤50-3σ<ic<< td=""></ic<<></td></ic<<>	P ≤50-3σ <ic<< td=""></ic<<>
	130+3σ≤F	130+3σ≤F	150+3σ≤F
Lead (Pb)	P≤700-3σ <ic<< td=""><td>P≤700-3σ<ic<< td=""><td>P≤500-3σ<ic<< td=""></ic<<></td></ic<<></td></ic<<>	P≤700-3σ <ic<< td=""><td>P≤500-3σ<ic<< td=""></ic<<></td></ic<<>	P≤500-3σ <ic<< td=""></ic<<>
	1300+3σ≤F	1300+3σ≤F	1500+3σ≤F
Mercury (Hg)	P≤700-3σ <ic<< td=""><td>P≤700-3σ<ic<< td=""><td>P≤500-3σ<ic<< td=""></ic<<></td></ic<<></td></ic<<>	P≤700-3σ <ic<< td=""><td>P≤500-3σ<ic<< td=""></ic<<></td></ic<<>	P≤500-3σ <ic<< td=""></ic<<>
	1300+3σ≤F	1300+3σ≤F	1500+3σ≤F
Chromium (Cr)	P≤700-3σ <ic< td=""><td>P≤700-3σ<ic< td=""><td>P≤500-3σ<ic< td=""></ic<></td></ic<></td></ic<>	P≤700-3σ <ic< td=""><td>P≤500-3σ<ic< td=""></ic<></td></ic<>	P≤500-3σ <ic< td=""></ic<>
Bromine (Br)	P≤300-3σ <ic< td=""><td>3111/20</td><td>P≤250-3σ<ic< td=""></ic<></td></ic<>	3111/20	P≤250-3σ <ic< td=""></ic<>

- (3) mg/kg = milligram per kilogram
- (4) P=Pass, F=Fail, IC=Inconclusive, -- = Not Regulated

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(B) Tested sample photos:





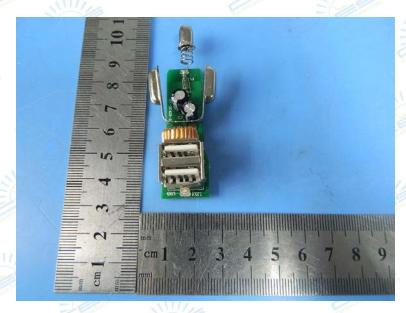
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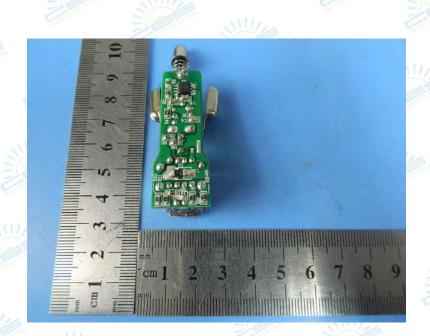


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--- End of Report ---



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