



# RoHS TEST REPORT

**Report No.** : HSO180321128VRH

**Applicant** :

**Address** :

**Products** : Car charger

**Model/P.O NO.** : BM2039

**Brand Name** : N/A

**Country of Destination** : Europe

**Overall Comment** : The total Lead, Cadmium, Mercury, Hexavalent Chromium, Polybrominated Biphenyls and Polybrominated Diphenylethers in the submitted samples comply with the requirement of RoHS Directive 2011/65/EU, and its amendment directives.

**Issue Date** : June.11.2018

**Signed for and on behalf of**

  
Frank Liu, Senior Manager

The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated. This Test Report is issued by the company subject to its General Conditions of service printed overleaf. This Test Report shall not be reproduced except in full, without written approval of the company.

**Prepared By:**

Shenzhen HSO. Test Technology Co., Ltd.

Rm425-428, 4F, Jimeihe Building, No.339, 107 Country Road, Xixiang Street, Bao'an District, Shenzhen City, P.R.C



**DATA CONCLUSION:**

Lead (Pb)

Cadmium (Cd)

Mercury (Hg)

Hexavalent Chromium (Cr6+)

Polybrominated Biphenyls (PBBs)

Polybrominated Diphenylethers (PBDEs)

Reference below:

No.	Parts / material name	Test Sample	Test Company	Report No.	Test Data (ppm)
1	ABS	Black plastic	SGS	GZ1007087721/CHEM	Pb:N.D. Hg:N.D. Cd:N.D. Cr(VI):N.D. PBBs:N.D. PBDEs:N.D.
2	White oil	White oil	CTI	SZR0805132159C	Pb: N.D. Hg: N.D. Cd: N.D. Cr(VI):N.D. PBBs:N.D. PBDEs: N.D.
3	USB	Silver metal	SGS	CANEC1200102503	Pb:19 Hg:N.D. Cd:N.D. Cr(VI):N.D.
		Copper Materials		CANEC1200102502	Pb:23 Hg:N.D. Cd:N.D. Cr(VI):N.D.
		White plastic grains		CANEC0800091400	Pb:N.D. Hg:N.D. Cd:N.D. Cr(VI):N.D. PBBs:N.D. PBDEs:N.D.
4	Spring	Spring	SGS	CANEC0700330500	Pb:N.D. Hg:N.D. Cd:N.D. Cr(VI):N.D. PBBs:N.D. PBDEs:N.D.
5	Power cord	Silvery metal wire	CTI	ECL01H031584	Pb: N.D. Hg:N.D. Cd:N.D. Cr(VI):N.D.
		White plastic wire jacket with black ink			Pb: N.D. Hg:N.D. Cd:N.D. Cr(VI):N.D. PBBs:N.D. PBDEs:N.D.
6	Button	Metal	SGS	GZ0809144138/CHEN	Pb:26 Hg:N.D. Cd:N.D. Cr(VI):N.D.



No.	Parts / material name	Test Sample	Test Company	Report No.	Test Data (ppm)
7	Battery wire	Black wire	SGS	CANEC1306956801	Cd: N.D. Pb: N.D. Hg: N.D. Cr6+:N.D. PBBS: N.D. PBDES: N.D.
8	Crystal	SMD Crystal	SGS	CANEC1318423401	Cd: N.D. Pb: N.D. Hg: N.D. Cr6+: N.D. PBBS: N.D. PBDES: N.D.
9	MLCC	MLCC	KOTTTI	1311100034-1	Pb:N.D. Hg:N.D. Cd:N.D. Cr(VI):N.D. PBBs:N.D. PBDEs:N.D.
10	Film capacitor	Green shell / silvery printing	SGS	CANEC100157805	Pb:N.D. Hg:N.D. Cd:N.D. Cr(VI):N.D. PBBs:N.D. PBDEs:N.D.
11	IC	Black body	SGS	CE/2009/70518	Pb:8 Cd:N.D. Hg:N.D. Cr(VI):N.D. PBBs:N.D. PBDEs:N.D.
12	Rubber core	Black rubber core	CTI	CTT1101090	Pb:N.D. Hg:N.D. Cd:N.D. Cr(VI):N.D. PBBs:N.D. PBDEs:N.D.
13	Inductor	Brassy metal	SGS	CANEC0800681101	Pb:10 Hg:N.D. Cd:N.D. Cr(VI):N.D.
		Black Bobbin			Pb:N.D. Hg:N.D. Cd:N.D. Cr(VI):N.D. PBBs:N.D. PBDEs:N.D.
		Silvery metal pin			Pb:N.D. Hg:N.D. Cd:N.D. Cr(VI):N.D.
14	Chip resistors (terminal lead free)	Electronic Components	CTI	RLSHE000947940001	Pb:N.D. Hg:N.D. Cd:N.D. Cr(VI):N.D. PBBs:N.D. PBDEs:N.D.

No.	Parts / material name	Test Sample	Test Company	Report No.	Test Data (ppm)
15	Terminal	silver metal terminal	SGS	CANEC0805593902	Pb:44 Hg:N.D. Cd:N.D. Cr(VI):N.D. PBBs:N.D. PBDEs:N.D.
16	Capacitor	Epoxy-resin(blue)	CTI	RLSZA000099740002	Pb:N.D. Hg:N.D. Cd:N.D. Cr(VI):N.D. PBBs:N.D. PBDEs:N.D.
		Metallized film			Pb:N.D. Hg:N.D. Cd:N.D. Cr(VI):N.D. PBBs:N.D. PBDEs:N.D.
		Epoxy-resin (yellow)			Pb:N.D. Hg:N.D. Cd:N.D. Cr(VI):N.D. PBBs:N.D. PBDEs:N.D.
		Epoxy-resin (black)			Pb:N.D. Hg:N.D. Cd:N.D. Cr(VI):N.D. PBBs:N.D. PBDEs:N.D.
		UV ink(black)			Pb:N.D. Hg:N.D. Cd:N.D. Cr(VI):N.D. PBBs:N.D. PBDEs:N.D.
		Plastic box (yellow)			Pb:N.D. Hg:N.D. Cd:N.D. Cr(VI):N.D. PBBs:N.D. PBDEs:N.D.
17	General purpose chip resistors	Silver/black/white general pupose chip resistors	SGS	KA/2009/C0877	Pb:351 Hg:N.D. Cd:N.D. Cr(VI):N.D. PBBs:N.D. PBDEs:N.D.



No.	Parts / material name	Test Sample	Test Company	Report No.	Test Data (ppm)
18	Tin wire	Silvery metal wire	SGS	CANEC1214303306	Pb:48 Hg:N.D. Cd:N.D. Cr(VI):N.D. PBBs:N.D. PBDEs:N.D.
19	Ele-capacitor	Black plastic with white printing	CTI	RLSZB00023626	Pb:N.D. Hg:N.D. Cd:N.D. Cr(VI):N.D. PBBs:N.D. PBDEs:N.D.
		Silver-white mital			Pb:N.D. Hg:N.D. Cd:N.D. Cr(VI):N.D.
		Silver color metal pin			Pb:13 Hg:N.D. Cd:N.D. Cr(VI):N.D.
		Black rubber			Pb:8 Hg:N.D. Cd:N.D. Cr(VI):N.D. PBBs:N.D. PBDEs:N.D.
		Gray foil			Pb:6 Hg:N.D. Cd:N.D. Cr(VI):N.D.
20	Stainless steel	Chip silver metal	SGS	SHAEC1107418501	Pb:N.D. Hg:N.D. Cd:N.D. Cr(VI):N.D.
21	PCB	PCB	SGS	CE/2008/11809	Pb:N.D. Hg:N.D. Cd:N.D. Cr(VI):N.D. PBBs:N.D. PBDEs:N.D.

## Note:

- (1) N.D.= Not detected (<MDL)
- (2) MDL=Method Detection Limit
- (3) ppm = mg/kg
- (4) “-“ = Not applicable
- (5) “<” = less than



PRODUCT PHOTOGRAPHS:



Fig. 1



Fig. 2





Fig. 3

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