

## TEST REPORT

**Report No.** : B1707TR8148R  
**Applicant** : Shenzhen Juneo Technology Co., Ltd.  
**Address** : Qihang Commercial Building 3J,Henggang town, Longgang district ,  
Shenzhen ,China  
**Products** : GPS TRACKER  
**Model/P.O NO.** : Chaser, TK915, TK911, TK909, TK908, TK907, TK906, TK905,  
TK900, TK809, TK808, TK807, TK806, TK1000, TK102, TK103,  
TK104, TK105, TK106, TK109, GT02  
**Brand Name** : TKSTAR  
**Test Engineer** : Usher Kuang  
**Overall Comment** : The total Lead, Cadmium, Mercury, Hexavalent Chromium,  
Polybrominated Biphenyls, Polybrominated Diphenylethers, DEHP,  
DBP, BBP, HBCDD in the submitted samples comply with the  
requirement of RoHS Directive 2011/65/EU.

**Issue Date** : Jul. 21, 2017

**Signed for and on behalf of**  
**Shenzhen Bory Technology Service Co., Ltd.**

  
  
**Peter Zhu**  
**PSQ Executive**

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:  
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Guangdong, China

**TEST DATA REPORT:**

Item	Component Description	Test Sample	Test Lab.	Report No. Issued Date	Test Data (ppm)
01	Black Plastic Particle	CB-20(Black)	SGS	GZ1503031649/CHEM 2015-04-06	Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
02	Black Solid	LT-2038	SGS	CANEC1403026102 2014-06-14	Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
03	Red decorative pieces	CB-22(RED)	SGS	CE/2015/C2275 2015-12-18	Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
04	Green decorative pieces	Green decorative pieces	CTI	RLSH1503211103307001 C 2015-03-30	Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
05	Screw	Screw	SGS	NGBEC1401279114 2014-07-30	Cd:N.D. Pb:N.D. Hg:N.D. Cr <sup>6+</sup> :N.D.

Item	Component Description	Test Sample	Test Lab.	Report No. Issued Date	Test Data (ppm)
06	Silvery	Silvery paste	SGS	CE/2014/75455 2014-08-04	Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
07	Green PCB	PCB	SGS	CANEC1202155201 2012-03-09	Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
08	Electronic componts	Chip resistor (terminal lead free)	CTI	RLSHE000947940001 2012-04-14	Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
09	Silvery Metal Wire	Lead-Free Wire	CTI	RLSHD000516210008 2014-01-17	Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
10	Sensors	Sensors	SGS	CE/2014/75455 2014-08-04	Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D

Item	Component Description	Test Sample	Test Lab.	Report No. Issued Date	Test Data (ppm)
11	Gray solid sheet	Plastic package Diode	SGS	SHAEC1008108901 2013-06-17	Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
	Black /gold solid sheet (mixed*)				Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
	Black /silvery solid sheet(mixed*)				Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
	Silvery metal sheet				Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
	Copper metal				Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D

Item	Component Description	Test Sample	Test Lab.	Report No. Issued Date	Test Data (ppm)
	White liquid				Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
	Silver metal				Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
	Silvery liquid				Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
12	Battery Cell	Battery	SGS	2647116 2014-02-19	Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
	PCB		SGS	CE/2013/C0960 2013-12-12	Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D

Item	Component Description	Test Sample	Test Lab.	Report No. Issued Date	Test Data (ppm)
	TSSOP		SGS	SHAEC1302411801 2013-03-04	Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
	Solder paste		SGS	CANEC1414564004 2014-09-05	Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
13	PBT	USB	SGS	SCL03H000713010 2015-02-13	Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
14	copper				Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
		SIM Card	SGS	CE/2015/C2078 2013-12-15	Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
15	Black plastic				Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D

Item	Component Description	Test Sample	Test Lab.	Report No. Issued Date	Test Data (ppm)
16	Materials are ceramic & metal /Gray Ceramic, Silver metal	Ceramic Chip Capacitor	CTI	RLNBF000135190002 2013-04-17	Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
17	IC	IC	SGS	CANEC1501308721 2015-01-30	Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
18	Yellow solid with brown printing and silver color metal	Tan-Cap	CTI	RLSDF000205680012 2015-02-28	Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
19	Dk-Grey Particle W/Silvery Edge	Magnetic Bead	SGS	SHAEC1421658501 2014-12-14	Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
20	CB-20(Black)	Knob	SGS	CANEC1501308721 2015-01-30	Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D

Item	Component Description	Test Sample	Test Lab.	Report No. Issued Date	Test Data (ppm)
21	Copper wire	GPS module			Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
	Black plastic				Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
22	Silvery metal sheet	Microphone	CTI	RLSHD000516210001 2015-01-20	Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
	Silvery metal sheet				Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
	Silvery plastic film(mix all*)				Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D



Item	Component Description	Test Sample	Test Lab.	Report No. Issued Date	Test Data (ppm)
	Black soft solid sheet with adhesive				Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
	Grey paste				Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
	White solid ring				Cd:N.D. Pb:N.D. Hg:N.D. Cr6+:N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D
23	Lead-free solder	Silvery metal	SGS	CANEC1400574502 2014-01-12	Cd:N.D. Pb:N.D. Hg:N.D. Cr <sup>6+</sup> :N.D. PBBS: N.D. PBDES:N.D. DEHP:N.D DBP:N.D BBP:N.D HBCDD:N.D

## NOTE:

Lead (Pb)  
Cadmium (Cd)  
Mercury (Hg)  
Hexavalent Chromium (Cr<sup>6+</sup>)  
Polybrominated Biphenyls (PBBs)  
Polybrominated Diphenylethers (PBDEs)

(1) N.D.= Not detected (< 2 ppm) For Pb, Cd, Hg, Cr<sup>6+</sup>  
N.D.= Not detected (< 5 ppm) For PBBs, PBDEs  
(2) ppm = mg/kg

- (3) The copper alloy containing up to 4% lead by weight
- (4) Lead in glass of cathode ray tubes (CRT), electronic components and fluorescent tubes are exempted.
- (5) Lead in electronic ceramic parts are exempted.
- (\*)The sample was analyzed on behalf of the applicant as mixing whole/part sample in one testing. The result in report means average of whole sample. The result will be different obviously if the sample was tested as requirement of RoHS, and result may be higher than that of report. The applicant will take the responsibility of all discrepancy and risk.

Disclaim:

- (1) Any doubts for final report, retest of the finished product(s) will be conducted at client cost.
- (2) Bory will not take the responsibility for any mistake caused by inaccurate and Invalid information submitted by client.

**PHOTOS:**

**Model: CHASER**



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