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Company Name DONG GUAN BRIGHT LED ELECTRONICS LTD

shown on Report

Address NO.8,GAO LONG EAST RD ,GAOBU TOWN,DONG GUAN CTY,GUANG DONG

PROVINCE, CHINA 523283

 $The following \ sample(s) \ and \ sample \ information \ was/were \ submitted \ and \ identified \ by/on \ the \ behalf \ of \ and \ identified \ by/on \ the \ behalf \ of \ and \ identified \ by/on \ the \ behalf \ of \ and \ identified \ by/on \ the \ behalf \ of \ and \ identified \ by/on \ the \ behalf \ of \ and \ identified \ by/on \ the \ behalf \ of \ and \ identified \ by/on \ the \ behalf \ of \ and \ identified \ by/on \ the \ behalf \ of \ and \ identified \ by/on \ the \ behalf \ of \ and \ identified \ by/on \ the \ behalf \ of \ and \ identified \ by/on \ the \ behalf \ of \ and \ identified \ by/on \ the \ behalf \ of \ and \ identified \ by/on \ the \ behalf \ of \ and \ identified \ by/on \ the \ behalf \ of \ and \ identified \ by/on \ the \ behalf \ of \ and \ and \ identified \ by/on \ the \ behalf \ of \ and \ and \ identified \ by/on \ the \ behalf \ of \ and \ a$ 

the applicant

CTI Sample ID	Final Product Name	Sample Name(s)
013		S-L、RCM、HOLDER、BPT、BPI、BPR 系列支架
014	INV	S-L、RCM、HOLDER、BPT、BPI、BPR 系列樹脂
015		S-L、RCM、HOLDER、BPT、BPI、BPR 系列套子

Sample Received Date Mar. 15, 2023

Testing Period Mar. 15, 2023 to Mar. 31, 2023

**Test Requested** As specified by client, to test Lead (Pb), Cadmium (Cd), Mercury (Hg),

Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls (PBBs),

Polybrominated Diphenyl Ethers (PBDEs), Phthalates (DBP, BBP, DEHP,

DIBP) in the submitted sample(s).

**Test Method/Test Result(s)** Please refer to the following page(s).

\_\_\_\_

Date

Mar. 31, 2023

Technical Manager

No. R450141684

hare Testing International Group Co.,Ltd.

CF. Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China



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Conclusion		
<b>Tested Sample</b>	According to standard/directive	Result
Cyshamittad Commis	RoHS Directive 2011/65/EU with	PASS
Submitted Sample	amendment (EU) 2015/863	PASS
*********	*************	******
PASS means that the results shown	on the report comply with the limits set by RoHS Directive 2011	/65/EU with amendment (EU)
2015/863.		



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CTI Sample ID	Reference Report No CTI Sample ID
013	A223010845210107-007
014	A223010845210115-016

#### Remark

The samples with the reference information in the table above are non-tested in this report. Test results and the photos of the "CTI Sample ID" column reference to "Reference Report Number - CTI Sample ID" column.



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#### **Test Method**

Tested Item(s)	Test Method	Measured Equipment(s)
Lead (Pb)	IEC 62321-5:2013	ICP-OES
Cadmium (Cd)	IEC 62321-5:2013	ICP-OES
Mercury (Hg)	IEC 62321-4:2013+AMD1:2017 CSV	ICP-OES
	IEC 62321-7-1:2015	UV-Vis
Hexavalent Chromium (Cr(VI))	IEC 62321-7-2:2017 and/or determination of	UV-Vis/ICP-OES
	Total Chromium by IEC 62321-5:2013	UV-VIS/ICP-UES
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS
Phthalates (DBP, BBP, DEHP, DIBP)	IEC 62321-8:2017	GC-MS



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#### Test Result(s)

Tested Item(s)	Result			MDL	Limit
rested item(s)	013	014	015	MIDL	Limit
Lead (Pb)	N.D.	N.D.	N.D.	2 mg/kg	1000 mg/kg
Cadmium (Cd)	N.D.	N.D.	N.D.	2 mg/kg	100 mg/kg
Mercury (Hg)	N.D.	N.D.	N.D.	2 mg/kg	1000 mg/kg
		N.D.	N.D.	8 mg/kg	1000 mg/kg
Hexavalent Chromium (Cr(VI))	N.D.▼			0.10 μg/cm <sup>2</sup>	1000 mg/kg
				(LOQ)	

Tested Item(s)	Result		MDL	Limit
rested item(s)	014	015	WIDL	Lillit
Polybrominated Biphenyls (PBBs	)			
Monobromobiphenyl	N.D.	N.D.	5 mg/kg	
Dibromobiphenyl	N.D.	N.D.	5 mg/kg	
Tribromobiphenyl	N.D.	N.D.	5 mg/kg	
Tetrabromobiphenyl	N.D.	N.D.	5 mg/kg	
Pentabromobiphenyl	N.D.	N.D.	5 mg/kg	1000
Hexabromobiphenyl	N.D.	N.D.	5 mg/kg	1000 mg/kg
Heptabromobiphenyl	N.D.	N.D.	5 mg/kg	
Octabromobiphenyl	N.D.	N.D.	5 mg/kg	
Nonabromobiphenyl	N.D.	N.D.	5 mg/kg	
Decabromobiphenyl	N.D.	N.D.	5 mg/kg	

Tested Item(s)	Result		MDL	Limit
rested item(s)	014	015	WIDL	Limit
Polybrominated Diphenyl Ethers	(PBDEs)		•	
Monobromodiphenyl ether	N.D.	N.D.	5 mg/kg	
Dibromodiphenyl ether	N.D.	N.D.	5 mg/kg	
Tribromodiphenyl ether	N.D.	N.D.	5 mg/kg	
Tetrabromodiphenyl ether	N.D.	N.D.	5 mg/kg	
Pentabromodiphenyl ether	N.D.	N.D.	5 mg/kg	1000 m a/lsa
Hexabromodiphenyl ether	N.D.	N.D.	5 mg/kg	1000 mg/kg
Heptabromodiphenyl ether	N.D.	N.D.	5 mg/kg	
Octabromodiphenyl ether	N.D.	N.D.	5 mg/kg	
Nonabromodiphenyl ether	N.D.	N.D.	5 mg/kg	
Decabromodiphenyl ether	N.D.	N.D.	5 mg/kg	



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Tested Item(s)	Result		MDL	Limit
rested item(s)	014	015	WIDL	Limit
Phthalates (DBP, BBP, DEHP, DI	BP)			
Dibutyl phthalate (DBP)	N.D.	N.D.	50 ma/lza	1000 mg/kg
CAS#:84-74-2	N.D.	N.D.	50 mg/kg	1000 mg/kg
Butyl benzyl phthalate (BBP)	N.D.	N.D.	50 mg/kg	1000 mg/kg
CAS#:85-68-7	N.D.	N.D.	50 Hig/Kg	1000 mg/kg
Di-(2-ethylhexyl) phthalate	N.D.	N.D.	50 mg/kg	1000 mg/kg
(DEHP) CAS#:117-81-7	N.D.	N.D.	50 mg/kg	1000 mg/kg
Diisobutyl phthalate (DIBP)	N.D.	N.D.	50 ma/lsa	1000 mg/kg
CAS#:84-69-5	N.D.	N.D.	50 mg/kg	1000 mg/kg

### Sample/Part Description

No.	CTI Sample ID	Description
1	013	Metal with silvery plating
2	014	Purple solid
3	015	Black plastic

### Remark: The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.

- -MDL = Method Detection Limit
- -N.D. = Not Detected (<MDL or LOQ)
- -mg/kg = ppm = parts per million
- -1000 mg/kg = 0.1%
- -LOQ = Limit of Quantification, The LOQ of Hexavalent chromium is 0.10 μg/cm<sup>2</sup>
- -▼The sample is negative for Cr(VI) The Cr(VI) concentration is below 0.10 μg/cm². The coating is considered a non-Cr(VI) based coating.
- -Information Statement: Different names for the same product or part.

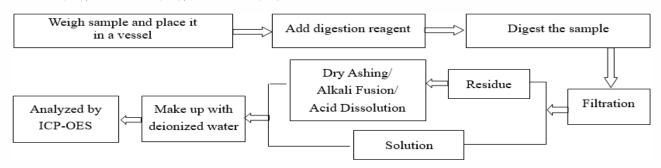


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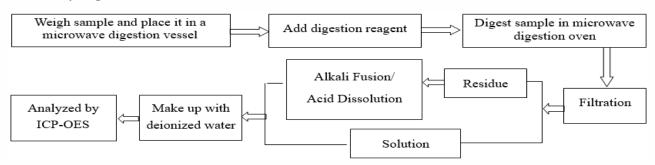
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#### **Test Process**

#### 1. Lead (Pb), Cadmium (Cd), Chromium(Cr)

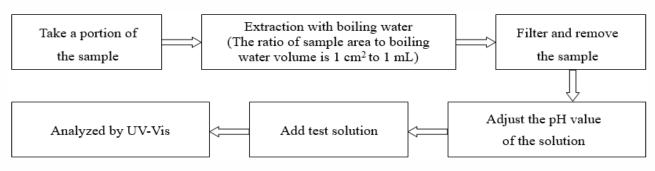


#### 2. Mercury (Hg)

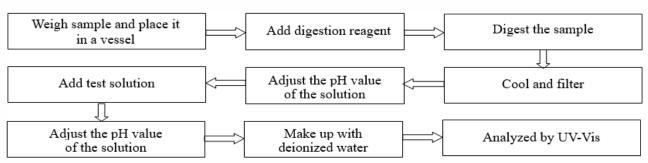


#### 3. Hexavalent Chromium (Cr(VI))

#### (1) IEC 62321-7-1:2015



#### (2) IEC 62321-7-2:2017

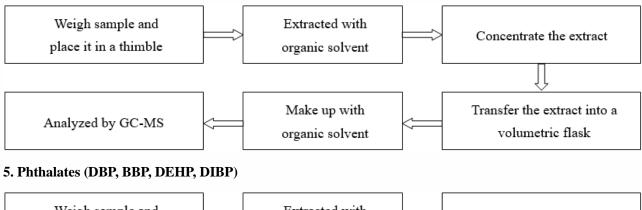


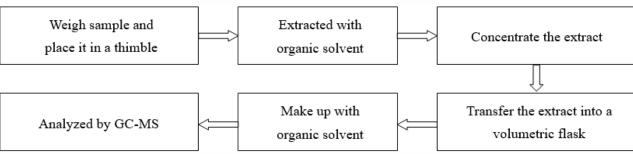


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### 4. Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs)

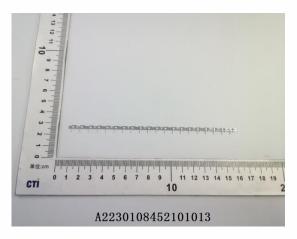




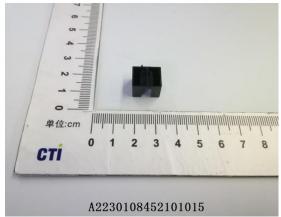


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### Photo(s) of the sample(s)







#### Statement:

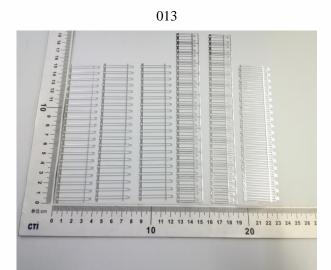
- 1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
- 2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
- 3. The result(s) shown in this report refer(s) only to the sample(s) tested;
- 4. Without written approval of CTI, this report can't be reproduced except in full;
- 5. In case of any discrepancy between the English version and Chinese version of the testing reports (if generated), the Chinese version shall prevail.

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



### **Appendix**

### **Client Reference Photo (Non-tested sample)**



Final Product



#### **Statement:**

- 1. The Appendix Information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified.
- 2. The Appendix Information is/are the supplement(s) for the Report A223010845210113.