

# TEST REPORT

Report No.: WD2017060763EN

Date: Jun. 26, 2017

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**Applicant:** GUANGZHOU KINGSLONG BAG & CASE CO. LTD

**Address:** RM208, YUANJING BUILDING, NO. 899 SANYUANLI ROAD, BAIYUN DISTRICT,  
GUANGZHOU, CHINA, 510403

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

**Sample Name:** LAPTOP BACKPACK

**Sample Model:** CNE-CBP5DB4

**P/O No.:** KSLPI1701010

**Manufacturer:** Guangzhou Kingslong Bag & Case Co. Ltd

**Buyer:** ASBISC Enterprises PLC

**Color of Sample:** Blue

**Sample Received Date:** Jun. 19, 2017

**Completed Date:** Jun. 26, 2017

**Test Result(s):** Please refer to next page(s).

## Test Requested and Conclusion(s):

No.	Test Sample	Standard and Requirement	Conclusion(s)
1	Tested materials of submitted samples	RoHS Directive 2011/65/EU and its subsequent amendments	PASS

Edited by: Maggie Yang

Reviewed by: fans

Approved by: Andy Zhu

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**GUANGDONG WONDER TESTING  
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## Test Result(s):

RoHS - Lead (Pb)/Cadmium(Cd)/Mercury(Hg)/Hexavalent Chromium(Cr<sup>6+</sup>)/PBBs/PBDEs

Method: With reference to IEC 62321-3-1: 2013/ IEC 62321-4&5: 2013/ IEC 62321-6: 2015/ IEC 62321-7-1: 2015/ IEC 62321:2008, analyzed by EDXRF & ICP-AES & GC-MS & UV-Vis.

Material No.	Substances	EDXRF Result *	Chemical Result #(mg/kg)	Conclusion
1	Pb	BL	--	PASS
	Cd	BL	--	PASS
	Hg	BL	--	PASS
	Cr <sup>6+</sup>	BL	--	PASS
	PBBs	BL	--	PASS
	PBDEs		--	PASS
2	Pb	BL	--	PASS
	Cd	BL	--	PASS
	Hg	BL	--	PASS
	Cr <sup>6+</sup>	BL	--	PASS
	PBBs	BL	--	PASS
	PBDEs		--	PASS
3	Pb	BL	--	PASS
	Cd	BL	--	PASS
	Hg	BL	--	PASS
	Cr <sup>6+</sup>	BL	--	PASS
	PBBs	BL	--	PASS
	PBDEs		--	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
  2. N.D. = Not Detected (<RL).
  3. RL(Reporting Limit): 2 mg/kg for Pb/ Cd/ Hg/ Cr<sup>6+</sup>(Nonmetal material); 5 mg/kg for PBBs & PBDEs.
  4. LOQ(limit of quantification)(Cr<sup>6+</sup>)=0.10µg/cm<sup>2</sup>.
  5. "▼" = a. when Cr(VI) in a sample is detected above 0.13 µg/cm<sup>2</sup>, the sample is considered to be **Positive** for Cr(VI).  
b. when Cr(VI) in a sample is detected below 0.10 µg/cm<sup>2</sup>, the sample is considered to be **Negative** for Cr(VI).  
c. when Cr(VI) in a sample is detected between 0.10 µg/cm<sup>2</sup> and 0.13 µg/cm<sup>2</sup>, the result was **Inconclusive**.
  6. "\*" = It is the result on total Cr and Br while test substances are Cr<sup>6+</sup> and PBBs & PBDEs.
  7. "#" = Result are obtained by EDXRF for primary screening, if the result exceeds the below limit (BL), and further chemical testing.

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## Screening limits in mg/kg for regulated elements in various matrices

Elements	Polymer	Metal	Composite Materials
<b>Pb</b>	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
<b>Cd</b>	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$LOD < X < (150+3\sigma) \leq OL$
<b>Hg</b>	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
<b>Cr</b>	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$
<b>Br</b>	$BL \leq (300-3\sigma) < X$	--	$BL \leq (250-3\sigma) < X$

BL = Below Limit, OL = Over Limit, IN = Inconclusive, LOD = Limit of Detection

## Test Material List

The following materials apply only to the samples submitted for chemical testing

Material No.	Description	Location
1	Navy fabric with black plastic	Main body
2	Grey fabric	Lining
3	Black webbing	Shoulder straps

## Photo of Sample:



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

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