

Report No. : EFSH16062598-CG-01 Date : 13-Jul-2016 Page : 1 of 6

TEST REPORT

APPLICANT	:	Xindao B.V.
ADDRESS	:	P.O. Box 3082, 2280 GB, Rijswijk, The Netherlands
SAMPLE DESCRIPTION	:	Urban commuting backpack,
		Power USB output backpack
ITEM NO.	:	P705.54,
		P732.06
COUNTRY OF ORIGIN	:	China
COUNTRY OF DESTINATION	:	Europe
SAMPLE RECEIVED DATE	:	04-Jul-2016
TURN AROUND TIME	:	04-Jul-2016 to 13-Jul-2016
TEST SPECIFICATION	:	EC Directive 2011/65/EU —The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — (RoHS)
CONCLUSION	:	Based on the analysis on the submitted sample(s), the test results do comply with the RoHS directive 2011/65/EU.

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************ FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) ************

Signed for and on behalf of Eurofins Product Testing Service (Shanghai) Co., Ltd

Witi

Terric Ji Lab Manager

> Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins Product Testing Service (Shanghai) Co., Ltd ensures that this job has been performed according to our Quality System and complying contract and legal conditions. If you happen to have any comments, please do it by sending email to <u>sh.info@eurofins.com</u> and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission of Eurofins Product Testing Service (Shanghai) Co., Ltd. If you happen to have any complaints, please do it by sending email to <u>chinacomplaint@eurofins.com</u> and referring to this report number.

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Report No. : EFSH16062598-CG-01 Date : 13-Jul-2016 Page : 2 of 6

SAMPLE PHOTO



EFSH16062598-CG-01

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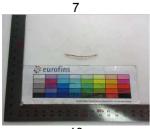
Report No. : EFSH16062598-CG-01 Date : 13-Jul-2016 Page : 3 of 6

COMPONENT PHOTO(S)

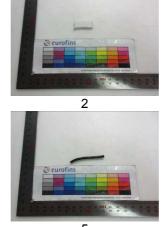


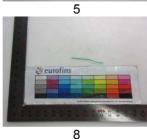


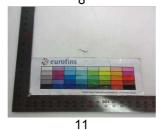




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13

EFSH16062598-CG-01

TO BE CONTINUED

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12



Report No. : EFSH16062598-CG-01 Date : 13-Jul-2016 Page : 4 of 6

TEST RESULT

A. Screening Test by XRF Spectroscopy

As specified by client, to analyze the contents of Lead, Cadmium, Mercury, Chromium, Bromine in the submitted sample by XRF. Screening limits in mg/kg for regulated elements in various matrices according to IEC 62321-3-1:2013 Ed.1

		Test Results (mg/kg)						
		Cd	Pb	Hg	Cr	Br		
No.	No. Component		Limit (mg/kg)					
		100	1000	1000	Cr(VI):1000	PBB:1000		
						PBDE:1000		
1	Black plastic block	ND	ND	ND	ND	ND		
2	White plastic block 1	ND	ND	ND	ND	ND		
3	White plastic block 2	ND	ND	ND	ND	NC		
4	Black rubber block	ND	ND	ND	ND	ND		
5	Black rubber wire sheath 1	ND	ND	ND	111	ND		
6	Red rubber wire sheath	ND	ND	ND	409	ND		
7	Black rubber wire sheath 2	ND	ND	ND	422	ND		
8	Green rubber wire sheath	ND	ND	ND	438	ND		
9	White rubber wire sheath	ND	ND	ND	464	ND		
10	Copper metal wire	ND	ND	ND	NC	NA		
11	Silver metal wire	ND	ND	ND	NC	NA		
12	Silver metal block 1	ND	ND	ND	NC	NA		
13	Silver metal block 2	ND	ND	ND	NC	NA		

Abbreviation:	Pb Cd Hg Cr Cr(VI) Br PBBs PBDEs NA ND NC	denotes Lead denotes Cadmium denotes Mercury denotes Chromium denotes Chromium(VI) denotes Bromine denotes Total Polybrominated Biphenyls denotes Total Polybrominated Diphenyl Ethers denotes Not Applicable denotes Not Detected (Cd<10mg/kg, Pb/ Hg/ Cr<100mg/kg, Br<300mg/kg) denotes Not Conclusive
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Report No. : EFSH16062598-CG-01 Date : 13-Jul-2016 Page : 5 of 6

TEST RESULT

XRF Screening limits for different materials:

Element	Polymers	Metals	Composite Material	
Cd	BL ≤(70-3σ) <x <<br="">(130+3σ) ≤ OL</x>	BL ≤ (70-3σ) < X < (130+3σ) ≤OL	LOD <x< (150+3σ)="" td="" ≤ol<=""></x<>	
Pb	BL ≤ (700-3σ) <x <<br="">(1300+3σ) ≤OL</x>	BL ≤ (700-3σ) < X < (1300+3σ) ≤ OL	BL ≤ (500-3σ) < X < (1500+3σ) ≤ OL	
Hg	BL ≤ (700-3σ) < X < (1300+3σ) ≤ OL	BL ≤ (700-3σ) < X < (1300+3σ) ≤ OL	BL ≤ (500-3σ) <x <<br="">(1500+3σ) ≤OL</x>	
Br	BL ≤(300-3σ) < X	/	BL ≤ (250-3σ) < X	
Cr	BL ≤ (700-3σ) <x< td=""><td>BL ≤ (700-3σ) <x< td=""><td>BL≤(500-3σ) <x< td=""></x<></td></x<></td></x<>	BL ≤ (700-3σ) <x< td=""><td>BL≤(500-3σ) <x< td=""></x<></td></x<>	BL≤(500-3σ) <x< td=""></x<>	

Note:

BL= Below limit

X = The region where further investigation is necessary

OL = Over limit

 3σ = The repeatability of the analyzer at the action level

LOD = Limit of detection

XRF testing results are only used for reference.

B. Confirmation Test by Wet Chemistry

Tested Item(s)	Test Method	Measured Equipment	MDL
Lead (Pb) /Cadmium (Cd)	IEC 62321-5:2013 Ed.1	ICP-OES	2 mg/kg
Mercury (Hg)	IEC 62321-4:2013 Ed.1	ICP-OES	2 mg/kg
Hexavalent Chromium (Cr(VI))	IEC 62321-7-1:2015 Ed.1	UV-Vis	0.01µg/cm ²
	IEC 62321:2008 Ed.1 Annex C	00-015	2 mg/kg
Polybrominated Biphenyls			
(PBBs)	IEC 62321-6: 2015 Ed.1	GC-MS	50 ma/ka
Polybrominated DiphenylEthers (PBDEs)	IEC 02321-0. 2013 Ed.1	GC-INS	50 mg/kg

Component No.	Boiling-water-extraction for Cr(VI) (*1)			
10	Negative			
11	Negative			
12	Negative			
13	Negative			

Remark:

(*1) The screening result of Chromium(VI) was found in the inconclusive region, Thus the Chromium(VI) content in surface layer have been confirmed with reference to IEC 62321-7-1:2015.

Negative - The Cr(VI) concentration is below 0.10µg/cm². The coating is considered a non-Cr(VI) based coating.

TO BE CONTINUED



Report No. : EFSH16062598-CG-01 Date : 13-Jul-2016 Page : 6 of 6

TEST RESULT

	Test Results (mg/kg)							
Component No.	Cd	Pb	Hg	Cr (VI)	PBBs	PBDEs		
component no.	Limit (mg/kg)							
	100	1000	1000	1000	1000	1000		
3	-	-	-	-	ND	ND		

Note:

The sample had been dissolved totally tested for Lead, Cadmium, Mercury. MDL = method detection limit ND = not detected (<MDL) mg/kg = ppm = parts per million

 μ g/cm² = micrograms per square

*** END OF THE REPORT ***