

Report No. : EFSH16011622-CG-02 Date : 05-Feb-2016 Page : 1 of 6

TEST REPORT

APPLICANT	:	Xindao B.V.	
ADDRESS	:	P.O. Box 3082, 2280 GB, Rijswijk, The Netherlands	
SAMPLE DESCRIPTION	:	Executive 8GB USB notebook set with touch pen	
ITEM NO.	:	P773.18	
COUNTRY OF ORIGIN	:	China	
COUNTRY OF DESTINATION	:	Europe	
SAMPLE RECEIVED DATE	:	27-Jan-2016	
TURN AROUND TIME	:	27-Jan-2016 to 05-Feb-2016	
TEST SPECIFICATION	:	EC Directive 2011/65/EU —The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — (RoHS)	
<u>CONCLUSION</u>	:	Based on the analysis on the submitted sample(s), the test results do comply with the RoHS directive 2011/65/EU.	

Eurofins (Shanghai) contact information Customer service: <u>EmilyDeng@eurofins.com</u> / 021-61819259 Sales specialist: <u>WandyShen@eurofins.com</u> / 18616155723

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

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

12

Terric Ji Lab Manager

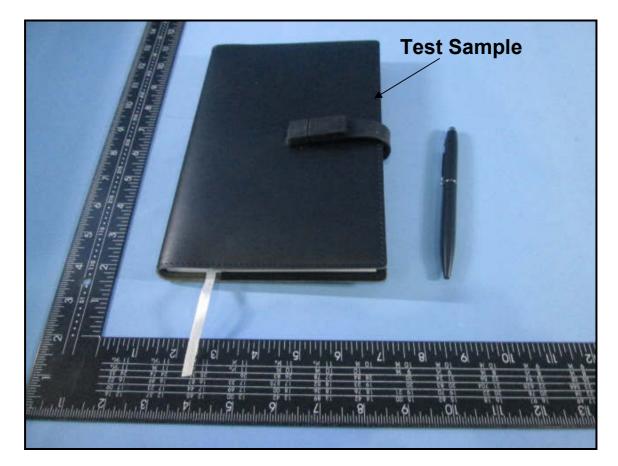
> Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins Product Testing Service (Shanghai) Co., Ltd ensures that this job has been performed according to our 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.

Eurofins Product Testing Service (Shanghai) Co., Ltd No.395 West Jiangchang Road, Zhabei District, Shanghai, China



Report No. : EFSH16011622-CG-02 Date : 05-Feb-2016 Page : 2 of 6

SAMPLE PHOTO



EFSH16011622-CG-02

TO BE CONTINUED

Eurofins Product Testing Service (Shanghai) Co., Ltd No.395 West Jiangchang Road, Zhabei District, Shanghai, China



Report No.	: EFSH16011622-CG-02
Date	: 05-Feb-2016
Page	: 3 of 6

🔅 eurof

3

6

9

12





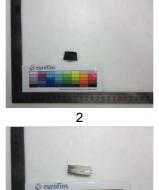








COMPONENT PHOTO(S)













14

EFSH16011622-CG-02

TO BE CONTINUED

Eurofins Product Testing Service (Shanghai) Co., Ltd No.395 West Jiangchang Road, Zhabei District, Shanghai, China



Report No. : EFSH16011622-CG-02 Date : 05-Feb-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.	Component	Limit (mg/kg)					
		100	1000	1000	Cr(VI):1000	PBB:1000	
						PBDE:1000	
1	Beige paper	ND	ND	ND	ND	ND	
2	Black elastic band	ND	ND	ND	274	ND	
3	Black plastic block 1	ND	ND	ND	ND	ND	
4	Black plastic block 2	ND	ND	ND	ND	ND	
5	Silver metal block	ND	ND	ND	NC	NA	
6	White fabric	ND	ND	ND	140	ND	
7	Ivory paper sheet	ND	ND	ND	ND	ND	
8	White paper board	ND	ND	ND	ND	ND	
9	White paper sheet	ND	ND	ND	133	ND	
10	Black leatheroid shell	ND	ND	ND	ND	ND	
11	Black plastic block 3	ND	ND	ND	ND	ND	
12	Golden metal sheet	ND	ND	ND	NC	NA	
13	Black rubber bar	ND	ND	ND	ND	ND	
14	Silver metal buckle	ND	ND	ND	NC	NA	

TO BE CONTINUED



Report No. : EFSH16011622-CG-02 Date : 05-Feb-2016 Page : 5 of 6

TEST RESULT

Abbreviation:	Pb Cd Hg Cr Cr(VI) Br PBBs PBDEs NA	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 Total Polybrominated Diphenyl Ethers
	ND NC	denotes Not Detected (Cd<10mg/kg, Pb/ Hg/ Cr<100mg/kg, Br<300mg/kg) denotes Not Conclusive

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) <i>≤</i>X</td><td>BL≤(500-3σ) <x< td=""></x<></td></x<>	BL ≤ (700-3σ) <i>≤</i> 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.

TO BE CONTINUED



Report No. : EFSH16011622-CG-02 Date : 05-Feb-2016 Page : 6 of 6

TEST RESULT

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 mg/kg
Polybrominated DiphenylEthers (PBDEs)	1EC 02321-0. 2013 EU.1	90-103	50 mg/kg

Component No.	Boiling-water-extraction for Cr(VI) (*1)	
5	Negative	
12	Negative	
14	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 0.10μ g/cm². The coating is considered a non-Cr(VI) based coating. μ g/cm² = micrograms per square

*** END OF THE REPORT ***