

TEST REPORT



Report No.: STW110121022

Date: Jan 24, 2011

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Applicant : Gembird Electronics Ltd.
Applicant Address : Building B, ShiFeng Industry District, Huaning Road, DaLang Street,
LongHua District, Shenzhen, China

The following samples were submitted by the client said to be:

Sample Name : USB CABLE
Model No. : CC-USB2-xxx, CCB-USB2-xxx, CCP-USB2-xxx, CCP-mUSB2-xxx
CCF-USB2-xxx, CCP-USB3-xxx
Sample Receiving Date : Jan 20, 2011
Test Period : Jan 20, 2011 - Jan 24, 2011
Test Requested : As requested by the applicant, submitted sample were screened
by XRF spectroscopy for RoHS Directive (2002/95/EC) and its
amendment directives.
Test Results : Details, please refer to the following pages.

Prepared by:

Sunny
(Engineer)

Official Seal:



Approved & Authorized
Signer:

Nandy
(Manager)

Declaration:

- (1) The test results exclusively refer to the samples examined.
- (2) This report shall not be reproduced except in full without written approval and does not authorize the use of Shenzhen Certification Technology Service Co., Ltd.
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(A) The test result of XRF:

As per IEC 62321 : 2008, screened by XRF spectroscopy.

No.	Sample Description	Test Item	XRF Result
1	Black plastic (wire cover)	Cadmium (Cd)	Pass
		Lead (Pb)	Pass
		Mercury (Hg)	Pass
		Chromium (Cr)	Pass
		Bromine (Br)	Pass
2	Silvery metal sheet (USB interface)	Cadmium (Cd)	Pass
		Lead (Pb)	Pass
		Mercury (Hg)	Pass
		Chromium (Cr)	Pass
		Bromine (Br)	Not Applicable
3	White plastic (USB interface)	Cadmium (Cd)	Pass
		Lead (Pb)	Pass
		Mercury (Hg)	Pass
		Chromium (Cr)	Pass
		Bromine (Br)	Pass
4	Copper metal sheet	Cadmium (Cd)	Pass
		Lead (Pb)	Pass
		Mercury (Hg)	Pass
		Chromium (Cr)	Pass
		Bromine (Br)	Not Applicable
5	Red plastic (wire cover)	Cadmium (Cd)	Pass
		Lead (Pb)	Pass
		Mercury (Hg)	Pass
		Chromium (Cr)	Pass
		Bromine (Br)	Pass
6	White plastic (wire cover)	Cadmium (Cd)	Pass
		Lead (Pb)	Pass
		Mercury (Hg)	Pass
		Chromium (Cr)	Pass
		Bromine (Br)	Pass

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No.	Sample Description	Test Item	XRF Result
7	Green plastic (wire cover)	Cadmium (Cd)	Pass
		Lead (Pb)	Pass
		Mercury (Hg)	Pass
		Chromium (Cr)	Pass
		Bromine (Br)	Pass
8	Aluminum foil paper	Cadmium (Cd)	Pass
		Lead (Pb)	Pass
		Mercury (Hg)	Pass
		Chromium (Cr)	Pass
		Bromine (Br)	Pass
9	Silver color metal wire (thin wire)	Cadmium (Cd)	Pass
		Lead (Pb)	Pass
		Mercury (Hg)	Pass
		Chromium (Cr)	Pass
		Bromine (Br)	Not Applicable

XRF screening limits in mg/kg for regulated elements in various material

Element	Polymer Material	Metallic Material	Composite Material
Cadmium (Cd)	P≤70<IC<130≤F	P≤70<IC<130≤F	P≤70<IC<250≤F
Lead (Pb)	P≤700<IC<1300≤F	P≤700<IC<1300≤F	P≤500<IC<1500≤F
Mercury (Hg)	P≤700<IC<1300≤F	P≤700<IC<1300≤F	P≤500<IC<1500≤F
Chromium (Cr)	P≤500<IC	P≤700<IC	P≤500<IC
Bromine (Br)	P≤300<IC	Not Applicable	P≤250<IC

Remark:

- (1) mg/kg = milligram per kilogram
- (2) P=Pass; F=Fail; IC=Inconclusive

Estimated Detection Limits in mg/kg for regulated elements in various material

Element	Polymer Material	Metallic Material	Composite Material
Cadmium (Cd)	50	70	70
Lead (Pb)	100	200	200
Mercury (Hg)	100	200	200
Chromium (Cr)	100	200	200
Bromine (Br)	200	Not Applicable	200

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(B) Tested sample photos:



--- End of Report ---

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