

TEST REPORT



Report No.: STW110121021

Date: Jan 24, 2011

Page 1 of 4

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 : VGA CABLE
Model No. : CC-PPVGA-xxx, CC-PPVGAX-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)

Approved & Authorized
Signer:

Nandy
(anager)

Official Seal:



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.
- (3) The report is invalid without signature and seal of Shenzhen Certification Technology Service Co., Ltd.

Shenzhen Certification Technology Service Co., Ltd.

Address: 3F, Bldg 27, Area A, Tanglang Industrial Zone, Xili Town, Nanshan District, Shenzhen 518055, Guangdong, P.R. China

Website: <http://www.cessz.com> email: service@cessz.com

TEST REPORT

Report No.: STW110121021

Date: Jan 24, 2011

Page 2 of 4

(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 (pin interface)	Cadmium (Cd)	Pass
		Lead (Pb)	Pass
		Mercury (Hg)	Pass
		Chromium (Cr)	Pass
		Bromine (Br)	Not Applicable
3	Silver-grey metal screw	Cadmium (Cd)	Pass
		Lead (Pb)	Pass
		Mercury (Hg)	Pass
		Chromium (Cr)	Pass
		Bromine (Br)	Not Applicable
4	Blue plastic (pin seat)	Cadmium (Cd)	Pass
		Lead (Pb)	Pass
		Mercury (Hg)	Pass
		Chromium (Cr)	Pass
		Bromine (Br)	Pass
5	Aluminum foil paper	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

TEST REPORT

Report No.: STW110121021

Date: Jan 24, 2011

Page 3 of 4

No.	Sample Description	Test Item	XRF Result
7	Silver color metal wire (thin wire)	Cadmium (Cd)	Pass
		Lead (Pb)	Pass
		Mercury (Hg)	Pass
		Chromium (Cr)	Pass
		Bromine (Br)	Not Applicable
8	Copper color metal wire(copper wire core)	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

(B) Tested sample photos:

Shenzhen Certification Technology Service Co., Ltd.

Address: 3F, Bldg 27, Area A, Tanglang Industrial Zone, Xili Town, Nanshan District, Shenzhen 518055, Guangdong, P.R. China

Website: <http://www.cessz.com> email: service@cessz.com

TEST REPORT

Report No.: STW110121021

Date: Jan 24, 2011

Page 4 of 4



--- End of Report ---

CESS
Certification Technology