



RoHS TEST REPORT

For

SHENZHEN YOUTHTON TECHNOLOGY CO.,LTD.

F4, Jinma Building, Jinma Industrial Park, Shihuan Road No.4, Shiyuan Street,
Baoan District, Shenzhen ,China

Test Model : YSP96-3110

YGBaa-baaaabb-bb,YSPaa-baaaabb-bb,YX2aa-baaaabb-bb,YXEaa-baaaabb-bb,

Additional Model No. : YXPaa-baaaabb-bb,YQSaa-baaaabb-bb,YCPaa-baaaabb-bb,YSFaa-baaaabb-bb,

YCSaa-baaaabb-bb,YQ2aa-baaaabb-bb (a=0~9; b=A~Z)

Equipment Under Test	:	Optical Module
Date of receipt of test sample	:	Mar. 06, 2019
Test Date	:	Mar. 06, 2019 - Mar. 12, 2019
Issue Date	:	Mar. 12, 2019
Compiled By	:	Mary Wu
Supervised By	:	Caven He
Approved & Authorized By	:	Bill Lee
Prepared By	:	Shenzhen BCT Technology Co., Ltd. 6F, Yantian Business Building, Bao'an Road, Bao'an District, Shenzhen, P.R.China. Tel: 86-755-2947 5656 Fax: 86-755-2947 5655 http://www.bct-test.com



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Sample Information

Sample Name:	Optical Module
Sample No.:	20190306-02
Sample Description:	Please refer to next page(s).
Sample materials:	--
Sample Supplied By:	Client
Manufacturer:	SHENZHEN YOUTHTON TECHNOLOGY CO.,LTD.
Address of manufacturer:	F4, Jinma Building, Jinma Industrial Park, Shihuan Road No.4, Shiyan Street, Baoan District, Shenzhen ,China

Test Information

Test Items:	1)Reference to customer requirements, test Pb, Cd,Cr(VI), Hg,PBBs, PBDEs, DBP, BBP, DEHP, DIBP Content.
Receive Date:	Mar. 06, 2019
Testing Date:	Mar. 06, 2019 - Mar. 12, 2019
Preconditioning:	--
Test Method :	Please refer to next page(s).

Conclusion:	1)Based on the performed tests on submitted sample(s), the results comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.	Test Result
		PASS

Note: This Report is based on report BCT171227R-001R.

Please refer to the following page(s).

(A) Sample description:

As client' s reference, sample as received are classified as below test group:

No.	Samples description	No.	Samples description
(1)	PCB	(2)	Small components on PCB (Mixed)
(3)	Silver metal ring,Buckle,Press block	(4)	Silver metal case
(5)	Silver metal communication connector	(6)	Black plastic dust plug
(7)	Blue plastic sleeve	(8)	IC(Black Body)
(9)	IC(Silver metal pin)		

(B) Test result summary:

Testing Item	Result (mg/kg)								
	01	02	03	04	05	06	07	08	09
Cadmium (Cd) content (mg/kg)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead (Pb) content (mg/kg)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mercury (Hg) content (mg/kg)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium (VI)(Cr ⁶⁺) content (mg/kg)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sum of polybrominated biphenyls (PBBs) (mg/kg)	ND	ND	--	--	--	ND	ND	ND	--
Monobromobiphenyl (MonoBB)	ND	ND	--	--	--	ND	ND	ND	--
Dibromobiphenyl (DiBB)	ND	ND	--	--	--	ND	ND	ND	--
Tribromobiphenyl (TriBB)	ND	ND	--	--	--	ND	ND	ND	--
Tetrabromobiphenyl (TetraBB)	ND	ND	--	--	--	ND	ND	ND	--
Pentabromobiphenyl (PentaBB)	ND	ND	--	--	--	ND	ND	ND	--
Hexabromobiphenyl (HexaBB)	ND	ND	--	--	--	ND	ND	ND	--
Heptabromobiphenyl (HeptaBB)	ND	ND	--	--	--	ND	ND	ND	--
Octabromobiphenyl (OctaBB)	ND	ND	--	--	--	ND	ND	ND	--
Nonabromobiphenyl (NonaBB)	ND	ND	--	--	--	ND	ND	ND	--
Decabromobiphenyl (DecaBB)	ND	ND	--	--	--	ND	ND	ND	--
Sum of polybrominated diphenyl ethers (PBDEs) (mg/kg)	ND	ND	--	--	--	ND	ND	ND	--
Monobromodiphenyl ether (MonoBDE)	ND	ND	--	--	--	ND	ND	ND	--
Dibromodiphenyl ether (DiBDE)	ND	ND	--	--	--	ND	ND	ND	--
Tribromodiphenyl ether (TriBDE)	ND	ND	--	--	--	ND	ND	ND	--
Tetrabromodiphenyl ether (TetraBDE)	ND	ND	--	--	--	ND	ND	ND	--
Pentabromodiphenyl ether (PentaBDE)	ND	ND	--	--	--	ND	ND	ND	--
Hexabromodiphenyl ether (HexaBDE)	ND	ND	--	--	--	ND	ND	ND	--
Heptabromodiphenyl ether (HeptaBDE)	ND	ND	--	--	--	ND	ND	ND	--
Octabromodiphenyl ether (OctaBDE)	ND	ND	--	--	--	ND	ND	ND	--
Nonabromodiphenyl ether (NonaBDE)	ND	ND	--	--	--	ND	ND	ND	--
Decabromodiphenyl ether (DecaBDE)	ND	ND	--	--	--	ND	ND	ND	--
Dibutyl phthalate (DBP)	ND	ND	--	--	--	ND	ND	ND	--
Benzyl butyl phthalate (BBP)	ND	ND	--	--	--	ND	ND	ND	--
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND	--	--	--	ND	ND	ND	--
Di-isobutyl phthalate (DIBP)	ND	ND	--	--	--	ND	ND	ND	--

Remarks :

- (1) 1 mg/kg = 1 ppm = 0.0001%.
- (2) MDL = Method Detection Limit.
- (3) ND = Not Detected (< MDL).
- (4) "-" = Not Regulated.

(C) Test requirement:

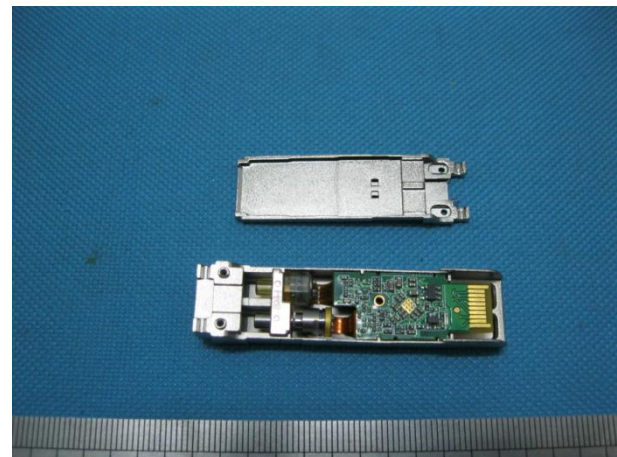
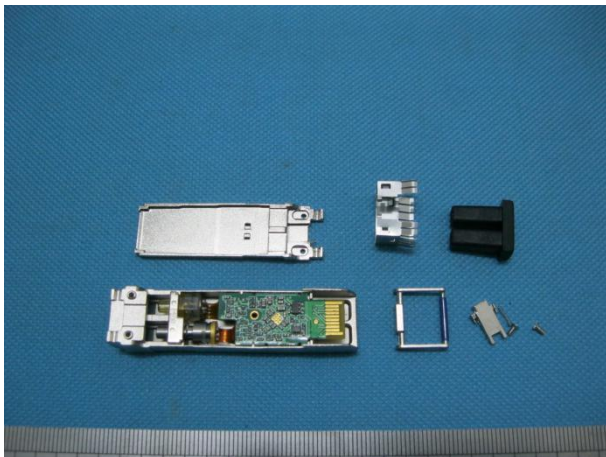
Restricted substances	Limits
Cadmium (Cd)	0.01% (100 ppm)
Lead (Pb)	0.1% (1000 ppm)
Mercury (Hg)	0.1% (1000 ppm)
Chromium (VI) (Cr ⁶⁺)	0.1% (1000 ppm)
Polybrominated biphenyls (PBBs)	0.1% (1000 ppm)
Polybrominated diphenyl ethers (PBDEs)	0.1% (1000 ppm)
Dibutyl phthalate (DBP)	0.1% (1000 ppm)
Benzyl butyl phthalate (BBP)	0.1% (1000 ppm)
Bis (2-ethylhexyl) phthalate (DEHP)	0.1% (1000 ppm)
Di-isobutyl phthalate (DIBP)	0.1% (1000 ppm)

The above limits were quoted from 2011/65/EU for homogeneous material.

(D) Test method:

Testing item	Testing method	Reporting limit
Cadmium (Cd) content	With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES.	2mg/kg
Lead (Pb) content	With reference to IEC 62321-5:2013, determination of Lead by ICP-OES.	2mg/kg
Mercury (Hg) content	With reference to IEC 62321-4:2013, determination of Mercury by ICP-OES.	2mg/kg
Chromium (VI) (Cr ⁶⁺) content (for non-metal)	With reference to IEC 62321-7-2:2017, determination of Hexavalent Chromium by Colorimetric Method using UV-Vis.	2mg/kg
Chromium (VI) (Cr 6+) content (for metal)	With reference to IEC 62321-7-1:2015 , determination of Hexavalent Chromium by Colorimetric Method using UV-Vis	0.10µg/cm ²
polybrominated biphenyls (PBBs)& polybrominated diphenyl ethers (PBDEs)	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	5 mg/kg
Dibutyl phthalate (DBP)	With reference to IEC 62321-8:2017, determination of phthalates by GC-MS.	50 mg/kg
Benzyl butyl phthalate (BBP)		50 mg/kg
Bis (2-ethylhexyl) phthalate (DEHP)		50 mg/kg
Di-isobutyl phthalate (DIBP)		50 mg/kg

EUT PHOTOGRAPHS



--End Of The Report --