

TEST REPORT

Reference No. WTF16F0141134C

Applicant : Xiamen PVTECH Corporation Limited

Address Unit 28 Yangtai Road, Xinyang Industrial Zone, Haicang District,

Xiamen, Fujian, China.

Manufacturer Xiamen PVTECH Corporation Limited

Address Unit 28 Yangtai Road, Xinyang Industrial Zone, Haicang District,

Xiamen, Fujian, China.

Sample Name..... : LED T8 Tube

Model No. PV-5ft-xW

(x=13~23W)

Test Requested In accordance with the RoHS Directive 2011/65/EU

level of Six Regulated Substance in Electrotechnical Products.

1) Screening by XRF Spectroscopy

2) Wet Chemical Test Method

- Determination of Lead, Mercury and Cadmium by ICP-OES

- Determination of Hexavalent Chromium by Colorimetric Method

- Determination of PBBs and PBDEs by GC-MS

Test Conclusion..... Based on the performed tests on the submitted samples, the results

comply with the RoHS Directive 2011/65/EU

Date of Receipt sample : 2016-01-11

Date of Test 2016-01-11 to 2016-01-20

Date of Issue 2016-01-21

Test Result Please refer to next page (s)

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

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Compiled by:

Nelson.Liang / Project Engined Waltek Services (Foshan) Co., Ltd.

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service approved b

Wang / Lab Manage

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Test Results:

Part No.	Part Description	Result of XRF		Result of Wet Chemical Testing (mg/kg)	Conclusion on RoHS
TEX	TER STEE STEE WITH STEEL STEEL	Cd	BL	i it it it	TEX
	her my my	Pb	OL	alie white white	Mr. M
_1	Golden metal pin	Hg	BL	[#] Pb :2.60×10⁴	Comply
~1L	rit with the My on	Cr	BL.	TEX LIER SITE.	INLIE WAL
7.	a to the state of	Br	BL	21/21 21/2 21/2	
	all white water	Cd	BL	at the the	TEN NITE
1/1/2	n t	Pb	BL	DDD - MD	711
2	White plastic shell	Hg	BL	PBBs : ND	Comply
	me me m	Cr	BL	PBDEs : ND	MIL
	at let tex tex	Br	in Inn	11, 1,	<i>*</i>
100	Will Mr. Mr. Mr. Mr.	Cd	∠ BL ∠	t Tet Tet alle	المار الماراد
	the state of	Pb	BL	The Mr. Mr.	20.
3	White glue	Hg	BL	Not tested	Comply
M	24	Cr	BL	"Lite white white w	
16	t tex itex air mith	Br W	BL		et et
WILL	Mur Mr. M. M.	Cd	BL	TEX OLIER WILL WAL	MI
	at let a stell	Pb	BL	7, 70, 70,	*
4	4 White plastic shell	Hg	BL	Not tested	Comply
		Cr	BL		
EX	TEX SITE SLITE WAY	Br	BL	t at at	TEX
7/1	111 201	Cd	BL	PLIE WALL MALL	111
	et tet tet uter ute	Pb	BL		LEY LEY
5	Transparent plastic shell	Hg	- BL	Not tested	Comply
	A EX TEX TEX	Cr	BL	$\frac{n}{n}$ n n n	1 1
JE		Br	BL	to the state of	
10.		Cd	BL .	All All	10.
TEX		Pb	BL	LEK TEK	TEX
6	Silvery metal base	Hg	BL	Not tested	Comply
.	ex tex itex after any	Cr	BL		Let a
	y also we are	Br	BL	TEX LIES LIES	مارات مامان
	s at at all all	Cd	BL	"VI, "VI, "VI, "	1 4
	WILL MULL MULL MULL	Pb	BL	Et JET JET	IET NITE
7	Chip LED	Hg	BL	Not tested	Comply
TEX	LIER SLIER WIFE MALLE	Cr	BL		t TEX
	me m m	Br	BL	e alie mil anii	W. A
.+	EX TEX TEX LIES NO	Cd	BL	70, 71	1
	rii mri mr mr	Pb	BL	FIFT LIFE OLITER	NALTE MAY
8	Grey plastic shell of connector	Hg	BL	Not tested	Comply
	ER WILL MULL MULL AND	Cr	BL	et et tet	LIEK OLTE
11/15	Mr. Mr.	Br	BL	in it into my m	





710		
	W	12
11,		

Part No.	Part Description	Result of XRF		Result of Wet Chemical Testing (mg/kg)	Conclusion on RoHS
LEX.	TEX STEE STEE STATE OF STATE O	Cd	BL	the state of	TEX.
	mr m m	Pb	BL	alier with wall	Mr. M
9	Silvery metal pin of connector	Hg	BL	Not tested	Comply
	The write and any	Cr	→ BL	TEX TEX TIES	WILL MI
	the state of	Br	BL	Tipe Mr. Mr. A	
	alie with whi whi	Cd	BL	et et iet	TER LIFE
	70 20 20	Pb	BL	white with mur. Mu	711
10	Silvery metal strip wire white	Not tested	Comply		
	coating	Cr	BL	ie alier with white	WILL
	at at set set set	Br	on Bran		
16	Will My My My	Cd	, ∠ BL	t tet det de	INLIE AN
	*	Pb	BL	arr. Mr. Mr.	20, 12,
11	Blue body of capacitor	Hg	BL	Not tested	Comply
	Tale In St	Cr	BL	White while while w	T. Will
	t get get in mile	Br W	BL		et et
11/11	me me m	Cd	BL	THE LIFE OUTE AND	MULT
	t at a tel	Pb	BL	Not tested	
12	Silvery metal pin of capacitor	Hg	BL		Comply
	2, 2,	Cr	BL		
	TEX LIER DITER ON	Br	BL		TEXT O
ال	111 111	Cd	BL	alte antitanti	ne m
	et let tet te	Pb	BL	4, 4, 4	x 12
13	Transparent plastic sleeve	Hg	BL	Not tested	Comply
	A A RET SET	Cr	BL	in the the	. 4
	The wife will be the	Br	BL	to the set of	H CLIER
10.		Cd	BL	The Mr.	14,
	TEF V A V J ST V	Pb	BL	the set	A EX
14	Black heat-shrinkable tube of fuse	Hg	BL	Not tested	Comply
	at at the text of	Cr	BL	20, 20,	* *
	The Murit Murit Murit And	Br	BL	TEX TEX STEE	alite wall
1/2		Cd	BL	"11 " 11 " 11 " 11 " 11 " 11 " 11 " 11	
	alie mile and wall	Pb	BL	at at at	LEK LIEK
15	Transparent glass body of fuse	.⊘Hg .√	BL	Not tested	Comply
	TEX LIER LIFE OLITE OF	Cr	BL "		t let
المال	mer me me	→ Br →	BL	TE STEE WITE SING	WILL O
.1	At left the time of	Cd	N BL	74. 74.	1
	With whi wat in	Pb	BL	t TEX JEX JEX	WILL VILLE
16	Silvery metal cover of fuse	Hg	BL	Not tested	Comply
	EL STER WILL MULTE MULTE	Cr	BL	at at all	TEX TE
	211, 21, 21	Br	BL	WILL WILL WILL WI	in Music

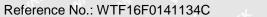






Part No.	Part Description	Result of XRF		Result of Wet Chemical Testing (mg/kg)	Conclusion on RoHS
EX	TEX ITE SITE ONLY	Cd	BL		TEX
	me me me	Pb	BL	CLIEB WILL WALL	Mr. M
17	Silvery metal wire of fuse	Hg	BL	Not tested	Comply
	The wall mar me me	Cr	→ BL	TEX TEX TEX	WITE WIT
	A A A A A	Br	BL	Mr. Mu. M.	
ر. ر	in out with which will be	Cd	BL	at at the	TER LIFE
	111 12 x	Pb	BL	Wir Wir Mur Mu	7/1
18	White fiber of fuse	Hg	BL	Not tested	Comply
	mr m m	Cr	BL	ie alier alie wal	Mr. 1
	CH CEX TEX TEXT	Br	M BL	10, 20,	*
16	VII MUI MUI MUI MUI	Cd	∠ BL ∠	t tex tex ties alle	Will W
	the state of	Pb	BL	augus and any	20. 2.
19	Silvery metal pin of fuse	Hg	BL	Not tested	Comply
	20, 20, 2,	Cr	BL	WILL WALL MALL W	211
	t tex itex of write of	Br W	BL	The state of the s	et let
whi.	mer me m	Cd	BL	ciet alie mit uni	MULT
	Transparent plactic adhesive tops	Pb	BL	M. W. 1	
20	Transparent plastic adhesive tape of electrolytic capacitor	Hg	BL	Not tested	Comply
		Cr	BL		
EX	TEX SLIER BLIEF	Br	BL		JEX J
, M	. 44, 25,	Cd	BL	NITE WALL	in in
	White paper label with black	Pb	BL	4	et et
21	printing of electrolytic capacitor	Hg	BL	Not tested	Comply
	printing of electronytic capacitor	Cr	BL		
JE!		Br	BL	to the state of	The street
		Cd	BL	r. Mur My	20, 7
	Yellow plastic film of electrolytic	Pb	BL	LIF LET	TEX
22	capacitor	Hg	BL	Not tested	Comply
	Capacitor	Cr	BL	7, 2, 1	at a
	it with the me	Br	BL	TEX TEX LITER	NITE MILL
	and the second	Cd	BL	" " " " " " " " " " " " " " " " " " "	
	Silvery metal shall of clostrolytic	Pb	BL	at let let	IEL NITER
23	Silvery metal shell of electrolytic capacitor	Hg	BL	Not tested	Comply
	Capacitor	Cr	BL		t TEX
Vr.	Wer My M. M.	Br	BL	E SITE WITE MILL	W. N
	et let tet tet tet	Cd	BL	24, 20, 2	at the
	Rlack rubber stopper of electrolytic	Pb	BL	- TEX LIER LITER	WILL WIL
24	Black rubber stopper of electrolytic capacitor	Hg	BL	Not tested	Comply
	Capacitoi	Cr	BL	at at at	TEK LIE
	24, 24,	Br	BL	CITE WILL WILL WI	in Mir





Part No.	Part Description	Result of XRF		Result of Wet Chemical Testing (mg/kg)	Conclusion on RoHS
TEX	TER SITE WITE WITE SWITE	Cd	BL	the set set	TEX
· ,	W. M. M.	Pb	BL	alle will wall	Mr. M
25	Transparent adhesive tape of	Hg	BL	Not tested	Comply
-11	electrolytic capacitor	Cr	→ BL	TEX LIER SITE.	inlite wall
20.	and the set set	Br	BL	21/21 21/2 21/2	
	WITE WILL WALL WALL	Cd	BL	at all the	TER NITE
The state of		Pb	BL	Wir Wer Ave My	211
26	Grey metal foil of electrolytic	Hg	BL	Not tested	Comply
n'i	capacitor	Cr	BL	ie alie white white	MUL
.4	CH TEX TEX STEEL STEEL	Br	W BL	11, 22,	at
	VIII MUE MUE MUE MUE	Cd	BL &	t Tex Tex Ties	Will Wh
7	0:1	Pb	BL	ing my my	20.
27	Silvery-grey metal foil of	Hg	BL	Not tested	Comply
m	electrolytic capacitor	Cr	BL	WILL WILL MALL W	
	- TEX ITEX NI WITE	Br W	BL	7 × ×	
W.	Mr. Mr. M.	Cd	BL	I I'M SLIFE WITH WAL	Comply
	Brown paper of electrolytic - capacitor -	Pb	BL	Not tested	
28		Hg	BL		
		Cr	BL		
	TEX LITER OLITER . WAY	Br	BL		TEX
11	. 20, 20,	Cd	BL	NLTE WALL WALL	Comply
	Cilcano matal nin af alastralitia	Pb	BL		
29	Silvery metal pin of electrolytic – capacitor –	Hg	BL	Not tested	
	Capacitoi	Cr	BL		
LIEN	att with white the	Br	BL	to the state of	A CLIER
n_{r}		Cd	BL	The My	in,
LEX	TEL S	Pb	BL_	. It let	TEX
30	White plastic wire covering	Hg	BL	Not tested	Comply
_	at let let itek in	Cr	BL	70, 70,	*
	it with my my	Br	BL	TEX TEX STEE	NITE WALL
		Cd	BL	Mr. Mr. M. A.	
16	WITE WITE WALL WALL	Pb	BL	at at the	LEK LIEK
31	Silvery metal wire	Hg	BL	Not tested	Comply
EX	TEX ITEX WITE OUTE	Cr	BL		t all
	wer we me	Br 🖈	BL	ier alter while outle	WILL
	it lit tet tet i	Cd	M BL	24.	X
	THE MULL MULL AND A	Pb	BL	- TEX TEX	Comply
32	Silvery metal wire	Hg	BL	Not tested	
Ļ ,	ex street wite write was	Cr	BL	at at alt	TEX JE
Me	211, 21, 22	Br	BL	CITE WITH WILL WI	MILL

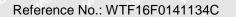




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Part No.	Part Description	Result of XRF		Result of Wet Chemical Testing (mg/kg)	Conclusion on RoHS
LEX.	TEX LIE WITH MILL WA	Cd	BL	the state of	TEX.
	WE MY MY AND AND A	Pb	BL	alier white while	Mr. M
33	Red body of capacitor	Hg	BL	Not tested	Comply
	The Mile Mule Muse Mile	Cr	A BL	TEX LIER LIER	INLIE WALL
	1	Br	BL	Mr. Aug. My	
ر. ر	" " " " " " " " " " " " " " " " " " "	Cd	BL	et et let	TER CITE
	10 10 t	Pb	BL	With Mur Mur Mur	711.
34	Silvery metal pin of capacitor	Hg	BL	Not tested	Comply
	mr. m. m.	Cr	BL	ie alier with wall	W.F.
	at let let liet of	Br	BL	70, 20, 1	At .
16.	VII MULL MULL MILL MILL	Cd	∠ BL ∠	t let the tie	and an
	Valley pleatic adhering the second	Pb	BL	ar we will	20. 1.
35	Yellow plastic adhesive tape of transformer	Hg	BL	Not tested	Comply
	transformer	Cr	BL	WILL WILL MULL W	
	t tex itex of write o	Br W	BL		et let
W.	me me m	Cd	BL	I THE SITE WITH MAL	Comply
	Dark gray magnetic core of transformer	Pb	BL	Cr ⁶⁺ : ND	
36		Hg	BL		
		Cr	IN		
	TEX LITER OLITER	Br	BL		TEX
4	. W. W.	Cd	BL	NITE WILL WALL	Comply
	ex rex rex re	Pb	BL		
37	Black plastic bobbin of transformer	Hg	- BL	Not tested	
	at at let let	Cr	, BL		
JEY COME	CATE IN THE WALL AND THE	Br	BL	to the state of	H CLIER
11		Cd	BL	The Maria Maria	1,, ,
	Copport motal winding of	Pb	BL	. It let	TEX
38	Coppery metal winding of transformer	Hg	BL	Not tested	Comply
	transionner	Cr	BL	70, 70	, \
	it will my my	Br	BL	TEX ITEX SITES	المال المالة
2	the state of the s	Cd	BL	Mir My M	
	WITE MITE WALL WALL	Pb	BL	at let let	IEK LIER
39	Silvery metal pin of transformer	Hg	BL	Not tested	Comply
	TEX LIER SLIER WITE W	Cr	BL	1 1 1 16	t THE
	me, me, m, m,	Br 🗡	BL	LEY LIFE WITE WITE	Wr. A
d	at let text text text	Cd	J BL	24. 74.	.* L
	The Muri Muri Muri A	Pb	BL	t TEX TEX TEX	INLIE IN
40	Yellow plastic wire covering	Hg	BL	Not tested	Comply
	EX SITE OLITE MITTE WAL	Cr	BL	at at all	TEX JE
	1111 111 111	Br	BL	CIE WILL WILL W	in Mu







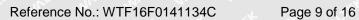
Part No.	Part Description	Result of XRF		Result of Wet Chemical Testing (mg/kg)	Conclusion on RoHS
LEX.	TER STEE STEE STATE STATE OF	Cd	BL	. A A A	TEX
<i>'</i> '	me me in in	Pb	BL	alter white white	ang an
41	White plastic shell of connector	Hg	BL	Not tested	Comply
~1L	rit wir wir and	Cr	→ BL	TEX LIER RITER.	inlite wall
9.	at at at at	Br	BL	The Mr. M.	
	all with which	Cd	BL	et et let	TER SLIFE
1/1/2	n t at	Pb	BL	ich, mur, mur, mu	20
42	Silvery metal pin of connector	Hg	BL	Not tested	Comply
W.	Mr. Mr. M. M.	Cr	BL	ie nite intit mail	ant.
	at let let liet of	Br	M BL	11, 2,	at-
	With the Mar Mr. Mr.	Cd	BL	* TEX LIER SLIE	INLIT WA
1	Dioak hoot obrightable title of	Pb	BL	ing who will	20
43	Black heat-shrinkable tube of inductor	Hg	BL	Not tested	Comply
In.	inductor	Cr	BL	WILL WILL MUT. M	r. mr
, C	t tex itex is write.	Br	BL		et let
Wr.	my my my	Cd	BL	I THE SLIFE WITH WAL	Comply
	at at a stell	Pb	BL	Cr ⁶⁺ : ND	
44	Black magnetic core of inductor	Hg	BL		
	and the second	Cr	IN .		
EX	TEX LIFE SLIFE . WAY	Br	BL		TEX
1/1	14, 15,	Cd	BL	ALTE MILL WALL	Comply
	ex rex rex life	Pb	BL		
45	Coppery metal wire of inductor	Hg	BL	Not tested	
	t at let let	Cr	BL	in the the	
LIEN	The street of th	Br	BL	to the state of	X CLIER
n,	2, 7	Cd	BL	The Mar All	In,
EX		Pb	BL	at let	TEX
46	Silvery metal pin of inductor	Hg	BL	Not tested	Comply
_	at let test itest in	Cr	BL	20, 20,	*
711	it will mut mus in	Br	BL	TEX TEX STEE	ALTE MALI
-	the state of the state of	Cd	BL	Mr. Mr. M. A	
	alier wife while walk	Pb	BL	at at let	LEK LIET
47	Black body of audion	Hg	BL	Not tested	Comply
	TEX ITEX LITER OLITER IN	Cr	BL		+ TEX
	me me me	→ Br →	BL	E SLIER WITER WIT	WILL
	at at at the	Cd	M BLM	711, 72,	
E	stite with multiplication	Pb	BL	t set set set	WILL WI
48	Silvery metal pin of audion	Hg	BL	Not tested	Comply
ļ.,	EX LIFE DITE WITH WAL	Cr	BL	at at at	TEX JE
WILL	14, 14, 14,	Br	BL	TE WITE WITE	ir. Mur







Part No.	Part Description	Result of XRF		Result of Wet Chemical Testing (mg/kg)	Conclusion on RoHS
TEX	THE SLIFE SLIFE WALL SO	Cd	BL	at at all	TEX
	Disability of also tradition	Pb	BL	ality will wall	Mr. M
49	Black plastic film of electrolytic capacitor	Hg	BL	Not tested	Comply
11	Capacitoi	Cr	BL	TEX LIER SITE.	inlit. Whi
70.	and the second	Br	BL	The Mr. M.	
	it with white walk was	Cd	BL	EX TEX TEXT	TER WILL
2112	n t at	Pb	OL	with the the	70,
50	Chip rectifier	Hg	BL	^{#1} Pb : ≥85%	Comply
W.	Mr. Mr. M. M.	Cr 👉	BL	IE RLIE WILL WALL	W. 1
L	A ART TEXT OF	Br	M BLM	20, 20,	<i>*</i>
16.	WILL MU MY MA	Cd	BL /	t TEX JES JIE	المال المالا
7		Pb	OL	ar mr. m.	20. 2
51	Chip diode	Hg	BL	^{#1} Pb : ≥85%	Comply
m,	M. W. A.	Cr	BL	WITE WALL WILL W	
	t tex itex it with	Br W	BL	7.	et et
ani.	My My My	Cd	BL	JER SLIFE WITE WITE	with
3	at at a second	Pb	BL	1/10 1/10 1/10	
52	Chip IC	Hg	BL	PBBs : ND PBDEs : ND	Comply
	a to	Cr	BL	- FBDES. ND	70, 7,
EX-	TEX LIER OLITER WAY	Br	IN		Let S
7/1	111, 12,	Cd	BL	ality will wall	Comply
	et let tet tre	Pb	*OL		
53	Chip resistor	Hg	BL	Not tested	
	t at let let	Cr	BL	16 21/2 211 20	
TEX	The wife with the	Br	BL	to the set of	ALTER .
	2, 6	Cd	BL	The Mr. Mr.	20,
LEX-		Pb	*OL	the set of	A EX
54	Chip resistor	Hg	BL	Not tested	Comply
_	et et tet tet ny	Cr	BL	20, 20,	*
	The Mult when we we	Br	BL	TEX TEX STEE	NITE WIT
12.		Cd	BL	Wer Aug Any A	
	atter with with whi	Pb	BL	at at let .	CEN LIER
55	Chip capacitor	∠ Hg	BL	Not tested	Comply
	TEN TEN LIER WITE	Cr	BL		t set
NIT .	mir, Aur Aur Au	Br	BL	E LIER CLIER MIT	MALL
4	A SH SH SHE IS	Cd	N BL	24, 25, 25,	AL.
	WITE WITE WALL MAL W	Pb	BL	F SEX JEX JEX	WITE W
56	Chip capacitor	Hg	BL	Not tested	Comply
<u> </u>	EX LIEX SLIEN WILL WAL	Cr	BL	* * *	TEX JE
"IL	211. 211. 22.	Br	BL	atte with with	ir. Mur



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Part No.	Part Description	Result	of XRF	Result of Wet Chemical Testing (mg/kg)	Conclusion on RoHS
TEX	TEL LIFE OLIFE MILL ON	Cd	BL	A A A	TEX
	no my	Pb	BL	write and while	MUT. MU
57	Solder	Hg	BL	Not tested	Comply
11	is mi me me	Cr	BL	TEX STEEL SLIE	INCIT WALL
	a start of	Br	BL	Fr. 201, 211, 2	
	in with white white white	Cd	BL	et tet tet	TER OLIE
211	The state of	Pb	BL	PBBs : ND	10.
58	Green PCB	Hg	BL	PBDEs : ND	Comply
"NUT.	me in in	Cr	BL	FDDLS.ND	me n
	et et let let let	Br	in IN	14, 14	*





Remark:

Reference No.: WTF16F0141134C

(1) Results are obtained by EDXRF for primary screening, and further chemical testing by ICP (for Cd, Pb, Hg), UV-VIS (for Cr6⁺) and GC-MS (for PBBs, PBDEs) is recommended to be performed, if the concentration exceeds the below warning value according to EN 62321:2009 (unit: mg/kg)

Element	Polymer	Metal	Composite Materials
Cd	BL ≤ (70-3σ) < IN < (130+3σ) ≤ OL	BL \leq (70-3 σ) $<$ IN $<$ (130+3 σ) \leq OL	LOD < IN < (150+3σ) ≤ OL
Pb	BL \leq (700-3 σ) < IN < (1300+3 σ) \leq OL	$BL \le (700-3\sigma) < IN < (1300+3\sigma) \le OL$	BL ≤ (500-3σ) < IN < (1500+3σ) ≤ OL
Hg	BL \leq (700-3 σ) $<$ IN $<$ (1300+3 σ) \leq OL	$BL \le (700-3\sigma) < IN < (1300+3\sigma) \le OL$	BL ≤ (500-3σ) < IN < (1500+3σ) ≤ OL
Cr	BL ≤ (700-3σ) < IN	BL ≤ (700-3σ) <in< td=""><td>BL ≤ (500-3σ) < IN</td></in<>	BL ≤ (500-3σ) < IN
Br	BL ≤ (300-3σ) < IN	CH WHILE MULL MULL M	BL ≤ (250-3σ) < IN

BL= Below Limit

OL= Over Limit

LOD = Limit of Detection

-- = Not Regulated

- (2) "IN" expresses the inconclusive region, and further chemical testing to confirm whether it complies with the requirement of RoHS Directive.
- (3) The XRF screening test for RoHs elements the reading may be different to the actual content in the sample be of non-uniformity composition
- (4) ppm = mg / kg, based on the dry weight of tested sample.
- (5) ND = Not Detected, less than the value of Method Detection Limit.
- (6) MDL= Method Detection Limit in wet chemical test

Test Items	Pb	Cd	Hg	Cr ⁶⁺	PBB	PBDE
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MDL	2	2	2	2	5	5 "

The MDL for single compound of PBBs and PBDEs is 5mg/kg and MDL of Cr⁶⁺ for polymer and composite sample is 2mg/kg

(7) According to EN 62321:2009, determined of Cr⁶⁺ on metal sample by spot test /boiling water extraction test method, and result is shown as Positive/Negative.

Spot test:

Negative = Absence of Cr⁶⁺ coating, Positive = Presence of Cr⁶⁺ coating.

(The tested sample should be further verified by boiling water extraction method if the spot test result is Negative or cannot be confirmed.)

Boiling water extraction:

Negative = Absence of Cr⁶⁺ coating

Positive = Presence of Cr⁶⁺ coating, the detected concentration in boiling water extraction solution is equal or greater than 0.02mg/kg with 50cm² sample surface area.

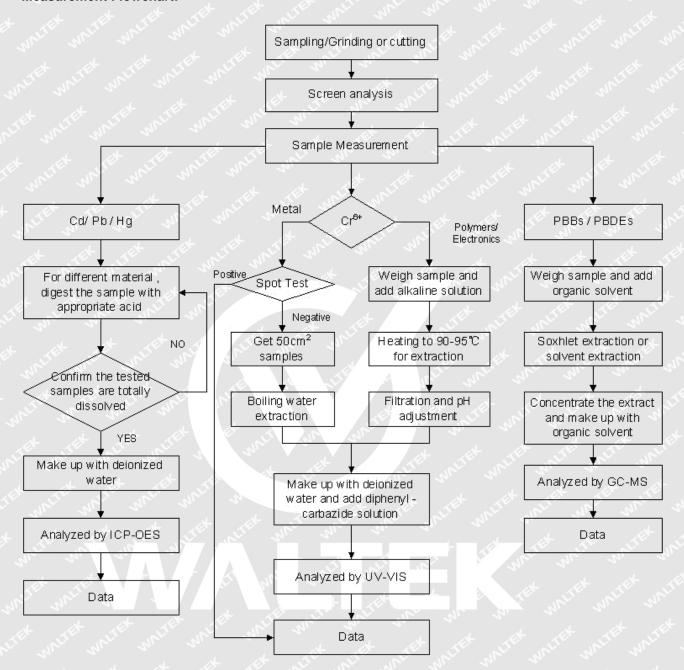
Information on storage conditions and production date of the tested sample is unavailable and thus Cr⁶⁺ results represent status of the sample at the time of testing.

- (8) * = According to the declaration from client, the source of lead in test sample could be from the glass or ceramic material of that electronic component which is exempted by Directive 2011/65/EU.
- (9) #= According to the declaration from client, the source of lead in test sample could be from copper alloy while lead as copper alloy containing up to 4% lead by weight is exempted by Directive 2011/65/EU.
- (10)^{#1} = According to the declaration from client, the source of lead in test sample could be from the high melting temperature type solders (i.e. lead based alloys containing 85% by weight or more lead) is exempted by Directive 2011/65/EU.



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Measurement Flowchart:



W

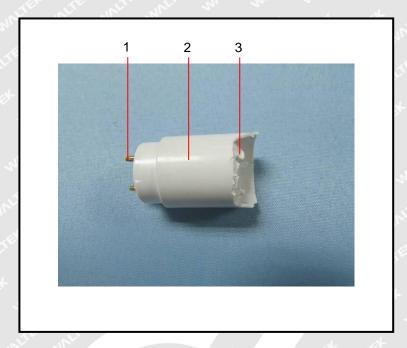
Sample Photo:

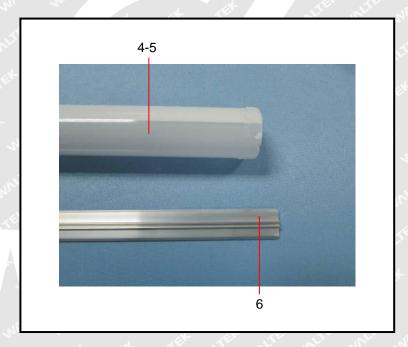


EX Jun Junit Junit File File

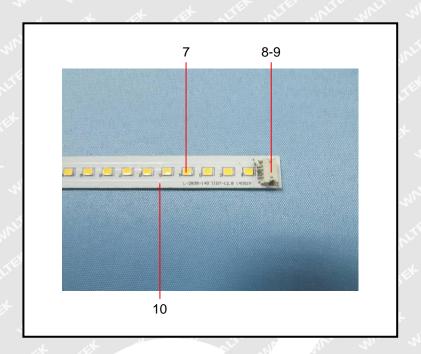
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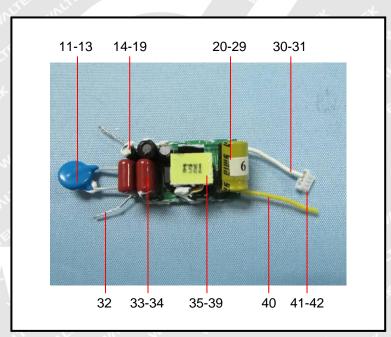
Photograph of parts tested:



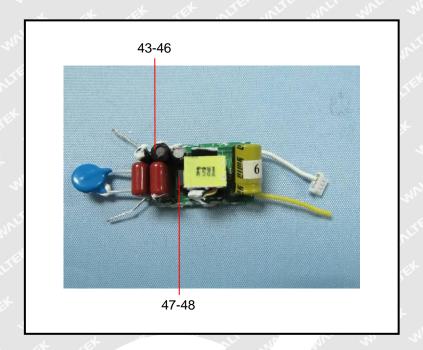


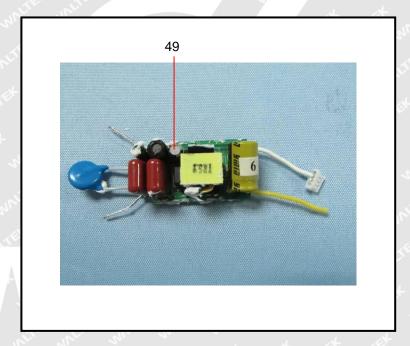




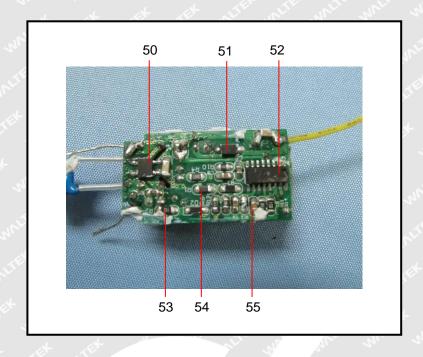


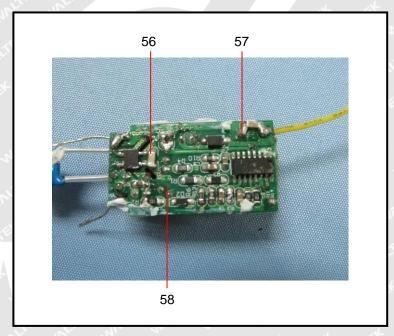












===== End of Report =====