

東莞永力電業有限公司

YUNG LI CO., LTD

Da Pu Industrial Zone, Gang Zi, Changping Town,
Dong Guan City, Guangdong 523571 China.P.R.C

TEL:0769-83396797~8

FAX:0769-83396796

E-mail: sales@yung-li.com

Description: YP-32/YC-13

Customer: SIGNAL+POWER

Parts No.: P-3213-03B

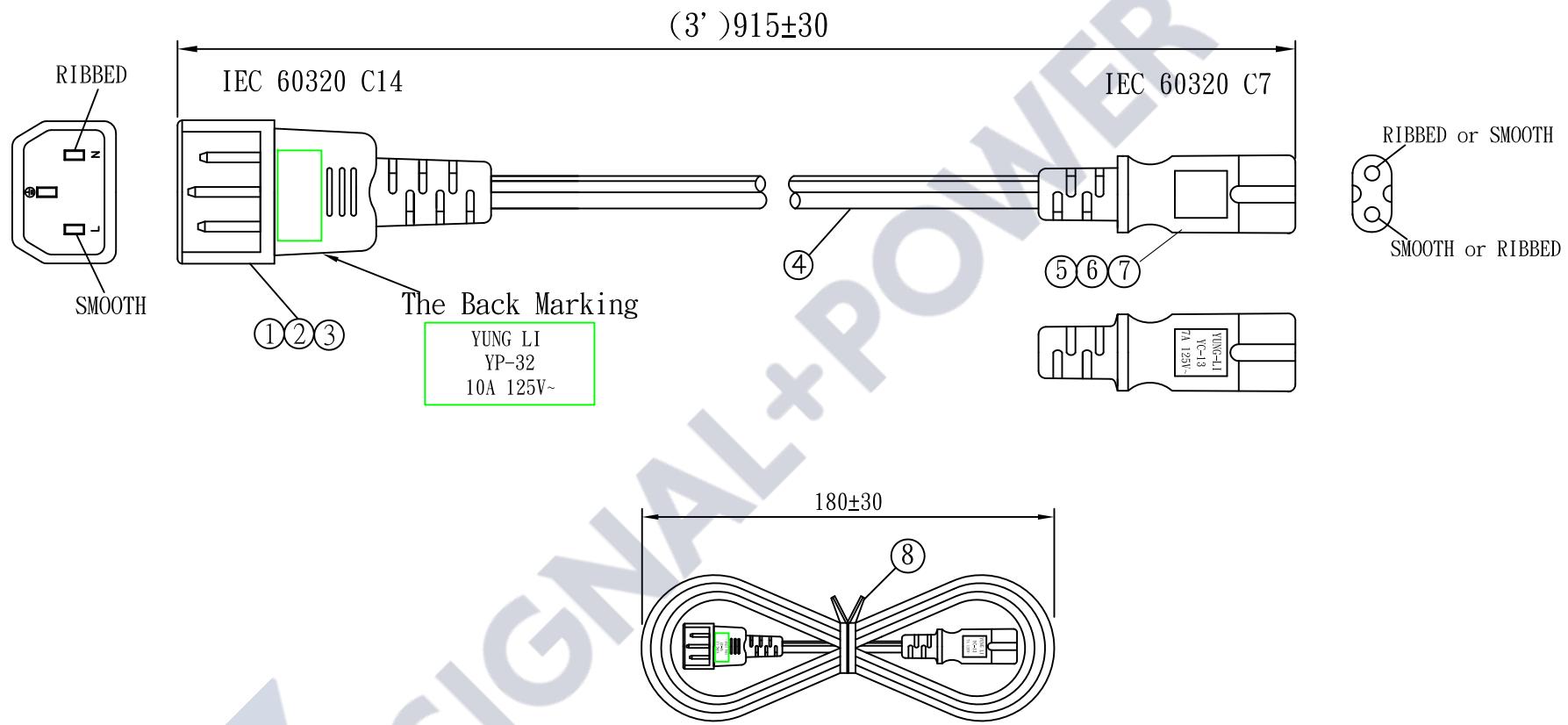
Draw No.:

REVISION RECORD

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YUNG LI	
CHECKED	PREPARED BY

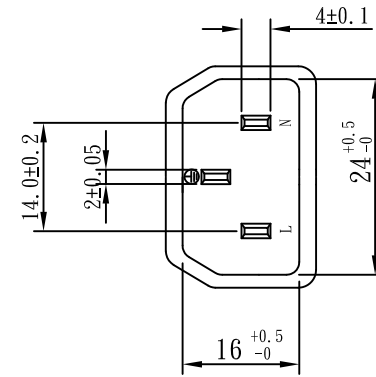
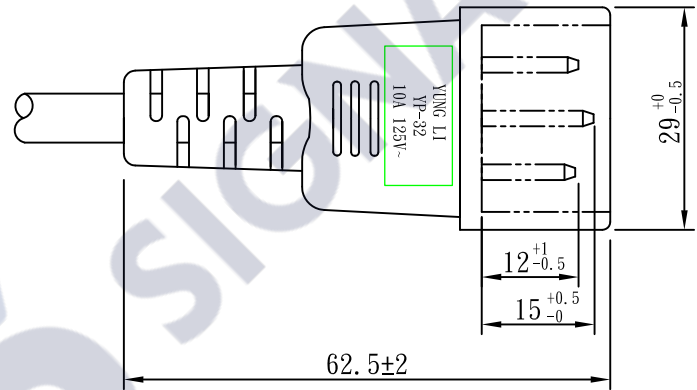
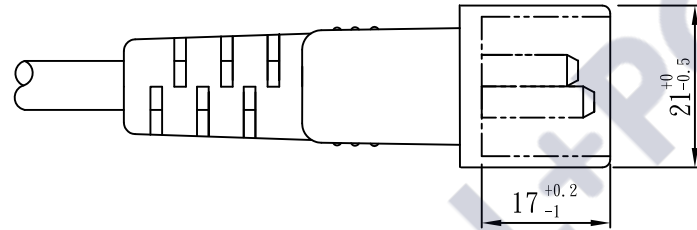
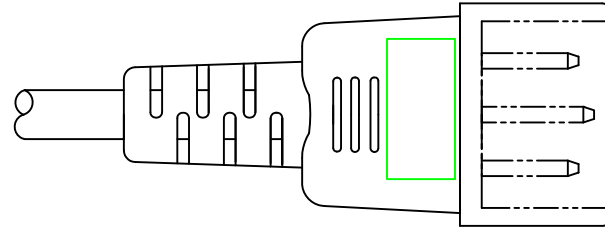
CUSTOMER	APPROVED



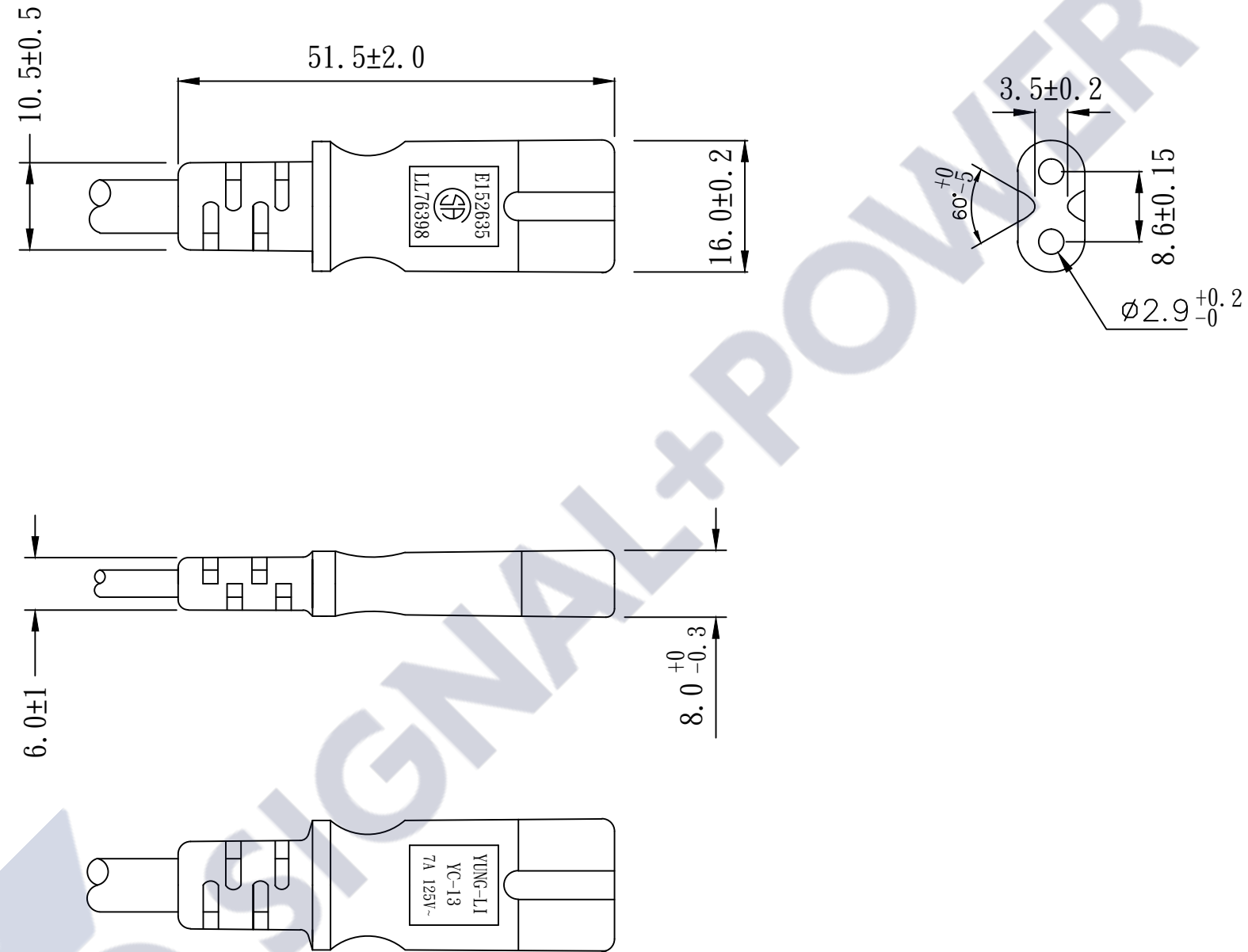
NO.	SPECIFICATION	QTY	REMARK
1	YP-32 PVC PLASTIC:50P BLACK	15g/PC	
2	TERMINAL:98672BS-1	3PCS	
3	H. S. G: 2X4	1PC	
4	SPT-2 18/2C 105 °C BLACK	1PC	
5	YC-13 PVC PLASTIC:50P BLACK	9g/PC	
6	YC-13 H. S. G BLACK	1PC	
7	YC-13 TER	2PCS	
8	MINI TIE:L=90mm BLACK	1PC	



Tolerance >0±0.30 >1.0±0.50 >10.0±1.0 >20.0±2.0 Angle: ±1°	Approved		Date	SIGNAL+POWER			
	Checked		Date				
	Drawn		Date	Customer			
	Cat. No.	YP-32/YC-13		P/N.	P-3213-03B		
	Drawing No.	CY-U0172	Rev.	D	Material	P. V. C	Unit
				HEFT(g)	64		

IEC 60320 C14



TOLERANCE >0±0.30 >1.0±0.50 >10.0±1.0 >20.0±2.0 Angle: ±1°	APPROVED		DATE		YUNG LI CO., LTD			
	CHECKED		DATE					
	DRAWN		DATE		CUSTOMER			
	TYPE	YP-32			P/N			
	DRAWING NO.	CY-P32U15A	REV	B	MATERIAL	P. V. C	UNIT	mm
				SCALE	1:1			



TOLERANCE $>0 \pm 0.30$ $>1.0 \pm 0.50$ $>10.0 \pm 1.0$ $>20.0 \pm 2.0$ Angle: $\pm 1^\circ$	APPROVED		DATE	SPDS			
	CHECKED		DATE				
	DRAWN		DATE				
	TYPE	YC-13(7A)		P/N			
	DRAWING NO.	CY-C13U		MATERIAL	P. V. C	UNIT	mm
			SCALE	1:1			

YUNG LI CO., LTD

SPECIFICATION

Yung-Li	Style	PVC FLEXIBLE CORDS	Document No
2007.5.22			
Edition	Size	SPT-2 18/2C 105	Page
A			1/2

1. Standard : UL 62 UL 1581

2. Construction & Dimension

	Item	Specification
Conductor	Size	18AWG X 2C
	Material	Annealed Bare Copper
	Construction	41/ 0.16±0.002
Insulation	Material	PVC
	Minimum Average Thickness	1.14mm
	Minimum Thickness at any point	1.02mm
	Diameter	6.8±0.2/3.4±0.1mm
	Identification	NA
Core Assembly	Core Twist	NA
	Filler	NA
	Assembly Pair	NA
Taping	Mylar Foil	NA
Shielded	A1-Mylar Foil	NA
Drain Wire	Material	NA
	Construction	NA
Jacket	Material	NA
	Minimum Average Thickness	NA
	Minimum Thickness at any point	NA
	Overall Diameter(Approx)	NA
	Color	Any Color

Marking :

YUNG LI (UL) E241374 SPT-2 2/C 18AWG(0.824mm²) 105 300V VW-1
 CSA 177323 SPT-2 2/C 18AWG(0.824mm²) 105 300V FT2

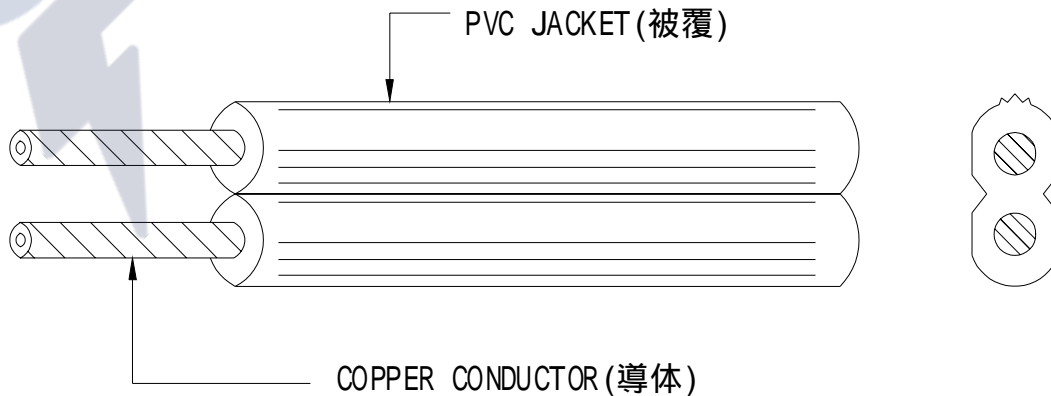
YUNG LI CO., LTD

SPECIFICATION

Yung-Li	Style	PVC FLEXIBLE CORDS	Document No
2007..5.22			
Edition	Size	SPT-2 18/2C 105	Page
A			2/2

3.Electrical & Physical Properties			
Item		Specification	
Rating Voltage		300V	
Insulation Resistance		0.76MΩ/Km 15.0 Min	
Dielectric Strength		AC 1.5 KV/1 min No Break	
Spark Test		6KV/0.15 sec	
Insulation	Unaged	Tensile Strength	1500psi Min
		Elongation	100% Min
	Aged	Tensile Strength	Min 85% (136±1 x 168hrs)
		Elongation	Min 65% (136±1 x 168hrs)
Jacket	Unaged	Tensile Strength	NA
		Elongation	NA
	Aged	Tensile Strength	NA
		Elongation	NA
Deformation Test		121±1 X 1hr 50%	
Cold Bend Test		-20 x 4hr No Crack	
Heat Shock Test		121±1 X 1hr No Crack	

Graph:



**ZJCZ.E241374**
Flexible Cord[Page Bottom](#)

Flexible Cord[See General Information for Flexible Cord](#)**YUNG LI CO LTD**

E241374

1ST FL

10 LANE 235 PAO-CHIAO RD

HSIN-TIEN, TAIPEI HSIEN 231 TAIWAN

Jacketed cords, Type SJTW, STW, SJTO, SJTOW, STO, STOW, SJ, S, SJO, SO, SVT, SVTO, SJT, ST, SJOW, SJOOW, SOW, SOOW, SJOO, SOO.

Parallel cords, Type SPT-1, SPT-2, SPT-3, SPT-1W, SPT-2W, NISPT-1, NISPT-2.

Rang and dryer cord, Type SRDT.

[Last Updated on 2007-02-12](#)

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Certificate of Compliance

Certificate: 1594794 (LL 76398)

Master Contract: 177323

Project: 2616524

Date Issued: April 3, 2013

Issued to: Yung Li Company Ltd.

1F No 10 Lane 235 Pao Chiao Rd
Hsin Tien City
Taipei Hsien,
Taiwan
Attention: Wendy Wu

The products listed below are eligible to bear the CSA Mark shown



Kim Nguyen

Issued by: Kim Nguyen, P. Eng.

PRODUCTS

CLASS 5831 01 - WIRES - Flexible Cord

Types SPT-1, NISPT-1, SPT-2, NISPT-2, SPT-3, SVT, SVTO, SJT, SJTW, SJTO, SJTOW, ST, STW, STO, STOW with PVC insulation and jacket, rated 60C, 75C, 90C and 105C, FT1, FT2, VW-1.

APPLICABLE REQUIREMENTS

CSA C22.2 No 49 - Flexible Cords and Cables

Test Report

Report No. RLSZE0015385801R1

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Applicant YUNG LI CO.,LTD
Address DA PU INDUSTRIAL ZONE,GANG ZI,CHANG PING TOWN, DONG GUAN CITY,GUANG DONG 523571 CHINA

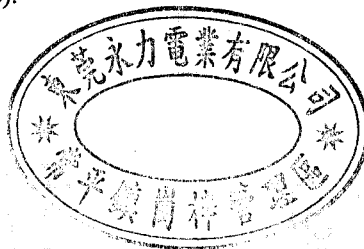
The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Name Please refer to the following page(s)
Part No. Please refer to the following page(s)
Sample Received Date Dec. 28, 2012
Testing Period Dec. 28, 2012 to Jan.5, 2013

Test Requested As specified by client, to test Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs), Red phosphorus, Perfluorooctane Sulfonates(PFOS), Tetrabromobisphenol-A (TBBP-A), Polycyclic Aromatic Hydrocarbons(PAHs) in the submitted sample(s).

Test Method Please refer to the following page(s).

Test Result(s) Please refer to the following page(s).



Tested by Rick Lin Reviewed by Vangar He
Approved by Danny Liu Date Jan. 8, 2013
CTI
SZ03
Danny Liu
Technical Manager

No. 11033271

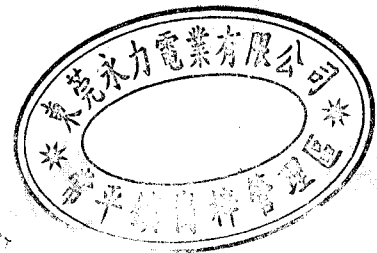
Centre Testing International (Shenzhen) Co., Ltd. Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China

Test Report

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No.	Sample Name(s)	
(1)	AC/DC POWER CORD & PLUG ADAPTERS	PVC BLACK
(2)		PVC WHITE
(3)		PVC BROWN
(4)		PVC BLUE
(5)		PVC YELLOW
(6)		PVC GREEN
(7)		PVC RED
(8)		INK
(9)		INNERBODY
(10)		CABLE COPPER
(11)		TERMINAL COPPER



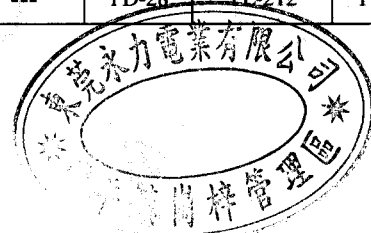
Test Report

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Part No.

YP-01	YP-12N	YP-19	YP-58N	YC-01	YC-13K	YC-59	YD-05	YL-0213	YL-3613A
YP-02	YP-12P	YP-19L	YP-59	YC-04	YC-13L	YC-72	YD-06	YL-0222	YL-3613L
YP-02L	YP-13	YP-27	YP-62	YC-05	YC-13LG	YC-73	YD-07	YL-0312	YL-3621
YP-03	YP-13B	YP-28	YP-63	YC-05-1	YC-13S	YC-77	YD-09	YL-0314	YL-3621L
YP-03L	YP-13BL	YP-29	YP-64	YC-05A	YC-13W	YC-79	YD-10	YL-0315	YL-3622
YP-03A	YP-13C	YP-32	YP-65	YC-05B	YC-13P	YC-18K	YD-11	YL-0323	YL-3622L
YP-03B	YP-13D	YP-32L	YP-66	YC-05C	YC-13PL	YC-17	YD-12	YL-1113	YL-915
YP-06	YP-13H	YP-32A	YP-67	YC-06	YC-14	YC-61	YD-13	YL-1113A	YL-915A
YP-07	YP-13HB	YP-32Y	YP-68L	YC-06R	YC-14G	YC-62	YD-14	YL-1113L	YL-916
YP-08	YP-13HP	YP-32B	YP-69L	YC-07	YC-14L	YC-64	YD-15	YL-1113B	YL-921
YP-09	YP-13L	YP-32BL	YP-72L	YC-07W	YC-14L-A	YC-12HL	YD-16	YL-1113C	YL-921A
YP-10	YP-13M	YP-32BL-1	YP-73L	YC-08	YC-14GL	YC-05L	YD-17	YL-1113BL	YL-921B
YP-11	YP-13N	YP-32BL-2	YP-74L	YC-09	YC-14S	YC-12SL	YD-17A	YL-1122	YL-935
YP-11A	YP-13O	YP-32BL-3	YP-75L	YC-10	YC-15	---	YD-17B	YL-1122L	YL-939
YP-11C	YP-13E	YP-32BL-4	YP-76	YC-11	YC-16	---	YD-17L	YL-1200	YL-1800
YP-11L	YP-13G	YP-33	YP-77	YC-11GL	YC-17	---	YD-18	YL-1212L	YL-27B17
YP-11L-9	YP-13P	YP-33A	YP-78	YC-12	YC-18	---	YD-19	YL-1214	YL-3215A
YP-11W	YP-13Q	YP-33BL	YP-79	YC-12A	YC-18L	---	YD-20	YL-1214L	YL-1255
YP-11P	YP-13S	YP-33AL	YP-82	YC-12C	YC-18A	---	YD-21	YL-1214G	YL-1256
YP-11R	YP-13T	YP-33AL-1	YP-83	YC-12D	YC-19	---	YD-22	YL-1214W	YL-1653
YP-11T	YP-13U	YP-33AL-2	YP-84	YC-12G	YC-20	---	YD-23	YL-1223	YL-1756
YP-11G	YP-13Y	YP-33AL-3	YP-88L	YC-12K	YC-20L	---	YD-24	YL-1245	YL-1217
YP-11F	YP-13F	YP-33AL-4	YP-90L	YC-12L	YC-20LR	---	YD-25	YL-1246	YL-5556
YP-11K	YP-13R	YP-35	YP-91L	YC-12T	YC-21	---	YD-26	YL-150	YL-5655
YP-12	YP-13W	YP-36	YP-92L	YC-12-01	YC-21A	---	YD-27	YL-150A	YL-5216
YP-12A	YP-13K	YP-37	YP-93L	YC-12GL	YC-21L	---	YD-28	YL-212	YL-5316



Test Report

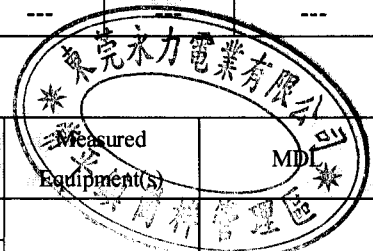
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YP-12C	YP-15	YP-39	YP-93L-1	YC-12GL-3	YC-22	YD-29	YL-312	YL-5517
YP-12E	YP-15G	YP-40	YP-93L-2	YC-12LR	YC-23	YD-30	YL-315	YL-5617
YP-12G	YP-15T	YP-41	YP-93L-3	YC-12S	YC-24	SR 系列	YL-3213	YL-321212
YP-12D	YP-16	YP-42	YP-94L	YC-12Y	YC-25	YCM-001	YL-3214	YL-321515
YP-12L	YP-16L	YP-43	YP-95L	YC-13	YC-25L	YCM-002	YL-3215	YL-3320
YP-12L-9	YP-17	YP-33B	YP-96L	YC-13A	YC-35	YCM-003	YL-3223	YL-331212
YP-12L-11	YP-17L	YP-49	YP-97L	YC-13B	YC-45	YCM-004	YL-3512	YP-3213A
YP-12L-12	YP-18	YP-52	YP-98L	YC-13BL	YC-46	YCM-005	YL-3512L	YL-3315
YP-12L-13	YP-18A	YP-53	YP-99L	YC-13C	YC-52	---	YL-3514	YL-223
YP-12L-14	YP-18B	YP-54	YP-103L	YC-13D	YC-53	---	YL-3515	---
YP-12L-15	YP-18L	YP-55	---	YC-13E	YC-54	---	YL-3522	---
YP-12L-16	YP-18N	YP-56	---	YC-13F	YC-55	---	YL-3523	---
YP-12L-17	YP-18T	YP-57	---	YC-13G	YC-56	---	YL-3613	---
YP-12L-18	YP-18G	YP-58	---	YC-13H	YC-58	---	---	---

Test Method

Tested Item(s)	Test Method	Measured Equipment(s)	MID
Lead (Pb)	IEC 62321:2008 Ed.1 Sec.8	ICP-OES	2 mg/kg
	IEC 62321:2008 Ed.1 Sec.9		
	IEC 62321:2008 Ed.1 Sec.10		
Cadmium (Cd)	IEC 62321:2008 Ed.1 Sec.8	ICP-OES	2 mg/kg
	IEC 62321:2008 Ed.1 Sec.9		
	IEC 62321:2008 Ed.1 Sec.10		
Mercury (Hg)	IEC 62321:2008 Ed.1 Sec.7	ICP-OES	2 mg/kg
Hexavalent Chromium (Cr(VI))	IEC 62321:2008 Ed.1 Annex B	UV-Vis	/
	IEC 62321:2008 Ed.1 Annex C		2 mg/kg
Polybrominated Biphenyls (PBBs)	IEC 62321:2008 Ed.1 Annex A	GC-MS	5 mg/kg
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321:2008 Ed.1 Annex A	GC-MS	5 mg/kg
Perfluorooctane Sulfonates (PFOS)	Refer to US EPA 3550C:2007	LC-MS-MS	5 mg/kg
Tetrabromobisphenol-A (TBBP-A)	Refer to US EPA 3540C:1996	GC-MS	5 mg/kg
Polycyclic Aromatic Hydrocarbons (PAHs)	Refer to US EPA 3550C:2007 & US EPA 8270D:2007	GC-MS	0.2 mg/kg
Red phosphorus	In-house method	Pyrolyzer/GC-MS	0.1 %



Test Report

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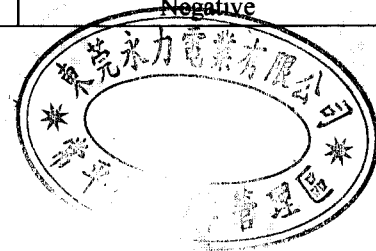
Test Result(s)

Tested Item(s)	Result		
	(1)	(2)	(3)
Lead (Pb)	N.D.	N.D.	N.D.
Cadmium (Cd)	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.
Hexavalent Chromium (Cr(VI))	N.D.	N.D.	N.D.

Tested Item(s)	Result		
	(4)	(5)	(6)
Lead (Pb)	N.D.	N.D.	N.D.
Cadmium (Cd)	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.
Hexavalent Chromium (Cr(VI))	N.D.	N.D.	N.D.

Tested Item(s)	Result		
	(7)	(8)	(9)
Lead (Pb)	N.D.	N.D.	8 mg/kg
Cadmium (Cd)	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.
Hexavalent Chromium (Cr(VI))	N.D.	N.D.	N.D.

Tested Item(s)	Result	
	(10)	(11)
Lead (Pb)	N.D.	40 mg/kg
Cadmium (Cd)	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.
Hexavalent Chromium (Cr(VI))	Negative	Negative



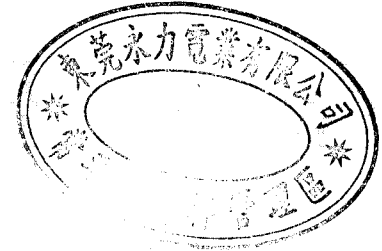
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Test Result(s)

Tested Item(s)	Result		
	(1)	(2)	(3)
Polybrominated Biphenyls(PBBs)			
Monobromobiphenyl	N.D.	N.D.	N.D.
Dibromobiphenyl	N.D.	N.D.	N.D.
Tribromobiphenyl	N.D.	N.D.	N.D.
Tetrabromobiphenyl	N.D.	N.D.	N.D.
Pentabromobiphenyl	N.D.	N.D.	N.D.
Hexabromobiphenyl	N.D.	N.D.	N.D.
Heptabromobiphenyl	N.D.	N.D.	N.D.
Octabromobiphenyl	N.D.	N.D.	N.D.
Nonabromobiphenyl	N.D.	N.D.	N.D.
Decabromobiphenyl	N.D.	N.D.	N.D.
Polybrominated Diphenyl Ethers(PBDEs)			
Monobromodiphenyl ether	N.D.	N.D.	N.D.
Dibromodiphenyl ether	N.D.	N.D.	N.D.
Tribromodiphenyl ether	N.D.	N.D.	N.D.
Tetrabromodiphenyl ether	N.D.	N.D.	N.D.
Pentabromodiphenyl ether	N.D.	N.D.	N.D.
Hexabromodiphenyl ether	N.D.	N.D.	N.D.
Heptabromodiphenyl ether	N.D.	N.D.	N.D.
Octabromodiphenyl ether	N.D.	N.D.	N.D.
Nonabromodiphenyl ether	N.D.	N.D.	N.D.
Decabromodiphenyl ether	N.D.	N.D.	N.D.



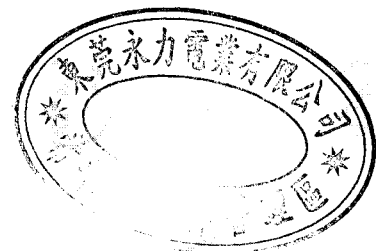
Test Report

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Test Result(s)

Tested Item(s)	Result		
	(4)	(5)	(6)
Polybrominated Biphenyls(PBBs)			
Monobromobiphenyl	N.D.	N.D.	N.D.
Dibromobiphenyl	N.D.	N.D.	N.D.
Tribromobiphenyl	N.D.	N.D.	N.D.
Tetrabromobiphenyl	N.D.	N.D.	N.D.
Pentabromobiphenyl	N.D.	N.D.	N.D.
Hexabromobiphenyl	N.D.	N.D.	N.D.
Heptabromobiphenyl	N.D.	N.D.	N.D.
Octabromobiphenyl	N.D.	N.D.	N.D.
Nonabromobiphenyl	N.D.	N.D.	N.D.
Decabromobiphenyl	N.D.	N.D.	N.D.
Polybrominated Diphenyl Ethers(PBDEs)			
Monobromodiphenyl ether	N.D.	N.D.	N.D.
Dibromodiphenyl ether	N.D.	N.D.	N.D.
Tribromodiphenyl ether	N.D.	N.D.	N.D.
Tetrabromodiphenyl ether	N.D.	N.D.	N.D.
Pentabromodiphenyl ether	N.D.	N.D.	N.D.
Hexabromodiphenyl ether	N.D.	N.D.	N.D.
Heptabromodiphenyl ether	N.D.	N.D.	N.D.
Octabromodiphenyl ether	N.D.	N.D.	N.D.
Nonabromodiphenyl ether	N.D.	N.D.	N.D.
Decabromodiphenyl ether	N.D.	N.D.	N.D.



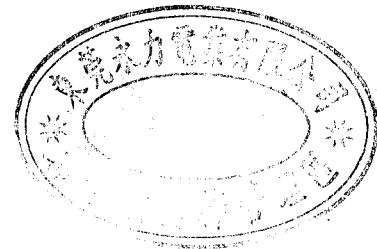
Test Report

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Test Result(s)

Tested Item(s)	Result		
	(7)	(8)	(9)
Polybrominated Biphenyls(PBBs)			
Monobromobiphenyl	N.D.	N.D.	N.D.
Dibromobiphenyl	N.D.	N.D.	N.D.
Tribromobiphenyl	N.D.	N.D.	N.D.
Tetrabromobiphenyl	N.D.	N.D.	N.D.
Pentabromobiphenyl	N.D.	N.D.	N.D.
Hexabromobiphenyl	N.D.	N.D.	N.D.
Heptabromobiphenyl	N.D.	N.D.	N.D.
Octabromobiphenyl	N.D.	N.D.	N.D.
Nonabromobiphenyl	N.D.	N.D.	N.D.
Decabromobiphenyl	N.D.	N.D.	N.D.
Polybrominated Diphenyl Ethers(PBDEs)			
Monobromodiphenyl ether	N.D.	N.D.	N.D.
Dibromodiphenyl ether	N.D.	N.D.	N.D.
Tribromodiphenyl ether	N.D.	N.D.	N.D.
Tetrabromodiphenyl ether	N.D.	N.D.	N.D.
Pentabromodiphenyl ether	N.D.	N.D.	N.D.
Hexabromodiphenyl ether	N.D.	N.D.	N.D.
Heptabromodiphenyl ether	N.D.	N.D.	N.D.
Octabromodiphenyl ether	N.D.	N.D.	N.D.
Nonabromodiphenyl ether	N.D.	N.D.	N.D.
Decabromodiphenyl ether	N.D.	N.D.	N.D.



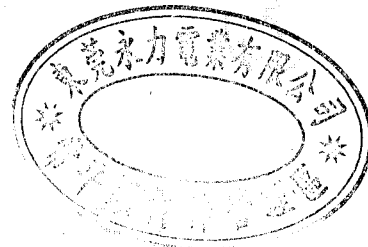
Test Report

Report No. RLSZE0015385801R1

Page 9 of 17

Test Result(s)

Tested Item(s)	Result		
	(1)	(2)	(3)
Polycyclic Aromatic Hydrocarbons(PAHs)			
Naphthalene	N.D.	N.D.	N.D.
Acenaphthylene	N.D.	N.D.	N.D.
Acenaphthene	N.D.	N.D.	N.D.
Fluorene	N.D.	N.D.	N.D.
Phenanthrene	N.D.	N.D.	N.D.
Anthracene	N.D.	N.D.	N.D.
Fluoranthene	N.D.	N.D.	N.D.
Pyrene	N.D.	N.D.	N.D.
Benzo[a]anthracene	N.D.	N.D.	N.D.
Chrysene	N.D.	N.D.	N.D.
Benzo[b]fluoranthene	N.D.	N.D.	N.D.
Benzo[k]fluoranthene	N.D.	N.D.	N.D.
Benzo[a]pyrene	N.D.	N.D.	N.D.
Indeno[1,2,3-cd]pyrene	N.D.	N.D.	N.D.
Dibenzo[a,h]anthracene	N.D.	N.D.	N.D.
Benzo[g,h,i]perylene	N.D.	N.D.	N.D.
Benzo[j]fluoranthene	N.D.	N.D.	N.D.
Benzo[e]pyrene	N.D.	N.D.	N.D.



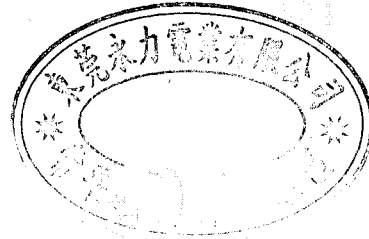
Test Report

Report No.RLSZE0015385801R1

Page 10 of 17

Test Result(s)

Tested Item(s)	Result		
	(4)	(5)	(6)
Polycyclic Aromatic Hydrocarbons(PAHs)			
Naphthalene	N.D.	N.D.	N.D.
Acenaphthylene	N.D.	N.D.	N.D.
Acenaphthene	N.D.	N.D.	N.D.
Fluorene	N.D.	N.D.	N.D.
Phenanthrene	N.D.	N.D.	N.D.
Anthracene	N.D.	N.D.	N.D.
Fluoranthene	N.D.	N.D.	N.D.
Pyrene	N.D.	N.D.	N.D.
Benzo[a]anthracene	N.D.	N.D.	N.D.
Chrysene	N.D.	N.D.	N.D.
Benzo[b]fluoranthene	N.D.	N.D.	N.D.
Benzo[k]fluoranthene	N.D.	N.D.	N.D.
Benzo[a]pyrene	N.D.	N.D.	N.D.
Indeno[1,2,3-cd]pyrene	N.D.	N.D.	N.D.
Dibenzo[a,h]anthracene	N.D.	N.D.	N.D.
Benzo[g,h,i]perylene	N.D.	N.D.	N.D.
Benzo[j]fluoranthene	N.D.	N.D.	N.D.
Benzo[e]pyrene	N.D.	N.D.	N.D.



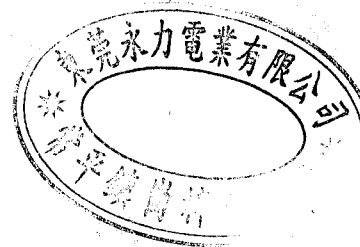
Test Report

Report No. RLSZE0015385801R1

Page 11 of 17

Test Result(s)

Tested Item(s)	Result		
	(7)	(8)	(9)
Polycyclic Aromatic Hydrocarbons(PAHs)			
Naphthalene	N.D.	N.D.	N.D.
Acenaphthylene	N.D.	N.D.	N.D.
Acenaphthene	N.D.	N.D.	N.D.
Fluorene	N.D.	N.D.	N.D.
Phenanthrene	N.D.	N.D.	N.D.
Anthracene	N.D.	N.D.	N.D.
Fluoranthene	N.D.	N.D.	N.D.
Pyrene	N.D.	N.D.	N.D.
Benzo[a]anthracene	N.D.	N.D.	N.D.
Chrysene	N.D.	N.D.	N.D.
Benzo[b]fluoranthene	N.D.	N.D.	N.D.
Benzo[k]fluoranthene	N.D.	N.D.	N.D.
Benzo[a]pyrene	N.D.	N.D.	N.D.
Indeno[1,2,3-cd]pyrene	N.D.	N.D.	N.D.
Dibenzo[a,h]anthracene	N.D.	N.D.	N.D.
Benzo[g,h,i]perylene	N.D.	N.D.	N.D.
Benzo[j]fluoranthene	N.D.	N.D.	N.D.
Benzo[e]pyrene	N.D.	N.D.	N.D.



Test Report

Report No. RLSZE0015385801R1

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Test Result(s)

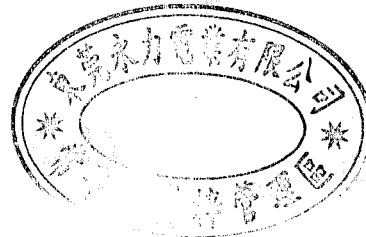
Tested Item(s)	Result		
	(1)	(2)	(3)
Perfluorooctane Sulfonates(PFOS)	N.D.	N.D.	N.D.
Tetrabromobisphenol-A (TBBP-A)	N.D.	N.D.	N.D.
Red phosphorus	N.D.	N.D.	N.D.

Tested Item(s)	Result		
	(4)	(5)	(6)
Perfluorooctane Sulfonates(PFOS)	N.D.	N.D.	N.D.
Tetrabromobisphenol-A (TBBP-A)	N.D.	N.D.	N.D.
Red phosphorus	N.D.	N.D.	N.D.

Tested Item(s)	Result		
	(7)	(8)	(9)
Perfluorooctane Sulfonates(PFOS)	N.D.	N.D.	N.D.
Tetrabromobisphenol-A (TBBP-A)	N.D.	N.D.	N.D.
Red phosphorus	N.D.	N.D.	N.D.

Tested Sample/Part Description

- (1) Black plastic grains
- (2) White plastic grains
- (3) Brown plastic grains
- (4) Blue plastic grains
- (5) Yellow plastic grains
- (6) Green plastic grains
- (7) Red plastic grains
- (8) White liquid
- (9) White plastic
- (10) Cupreous metal wire
- (11) Golden metal



Note: The samples had been dissolved totally tested for Lead, Cadmium, Mercury.

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million

Negative = Absence of Cr(VI), the detected Cr(VI) concentration in the boiling water extraction solution is less than 0.02 mg/kg with 50cm² sample surface area used.

Test Report

Report No. RLSZE0015385801R1

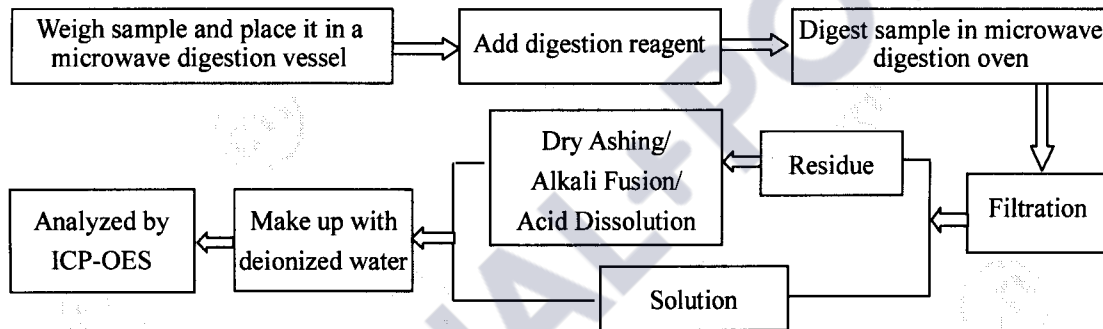
Page 13 of 17

Remark: 1. According to the client's statement, the material of sample (1)-(8),(10) in this report are the same as the sample (1)-(9) in report No. RLSZE00153858, so the test result(s) of sample (1)-(8),(10) are presented in reference to that one.
2. This report replaces RLSZE0015385801. Report RLSZE0015385801 is now terminated. The end number R1 of this report represents the revised version.

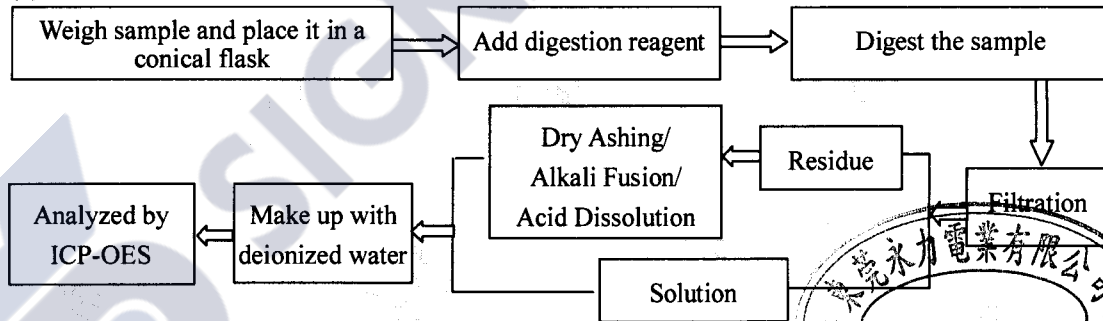
Test Process

1. Lead(Pb), Cadmium(Cd)

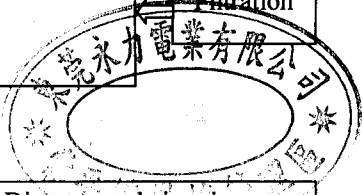
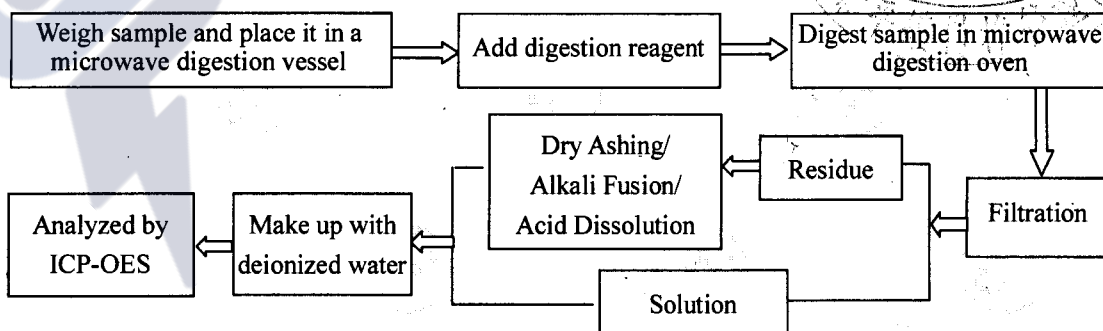
(1) IEC 62321:2008 Ed.1 Sec.8



(2) IEC 62321:2008 Ed.1 Sec.9



(3) IEC 62321:2008 Ed.1 Sec.10

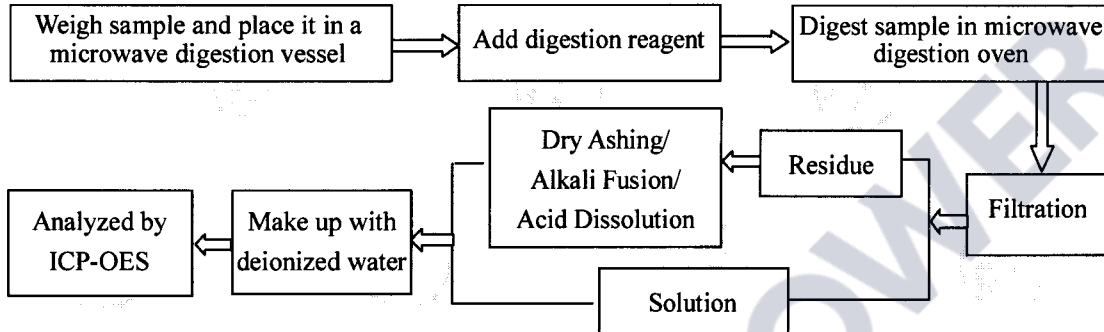


Test Report

Report No. RLSZE0015385801R1

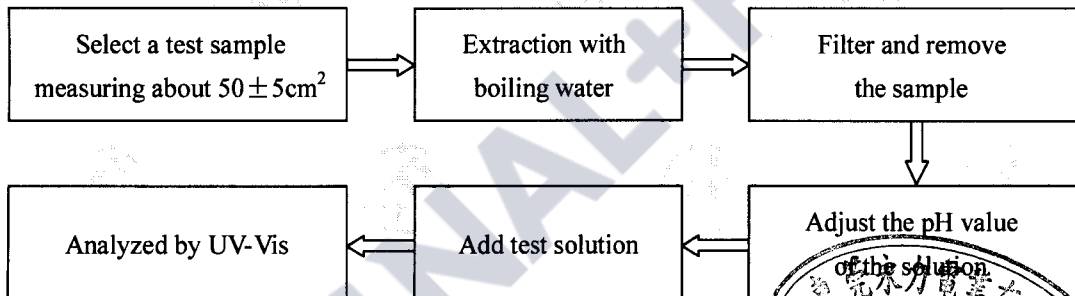
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2. Mercury(Hg)

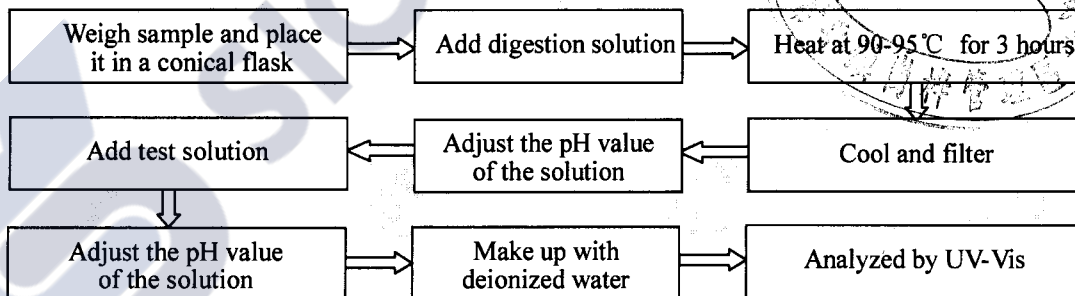


3. Hexavalent Chromium(Cr(VI))

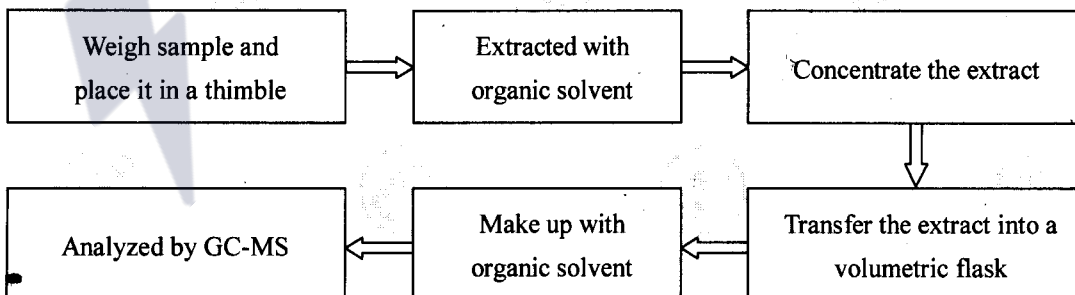
(1) IEC 62321:2008 Ed.1 Annex B



(2) IEC 62321:2008 Ed.1 Annex C



4. Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs)

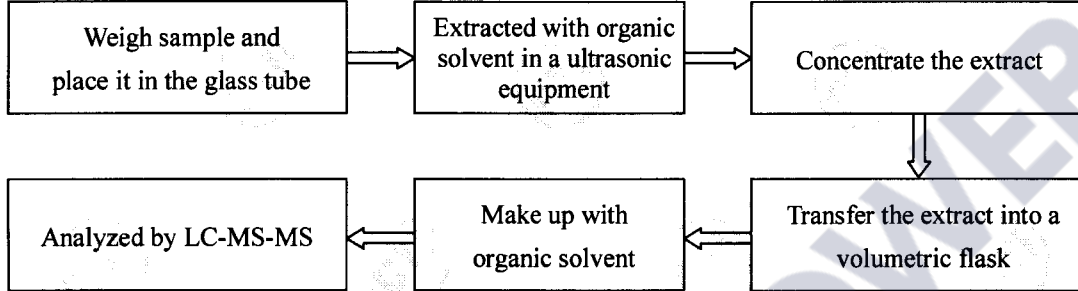


Test Report

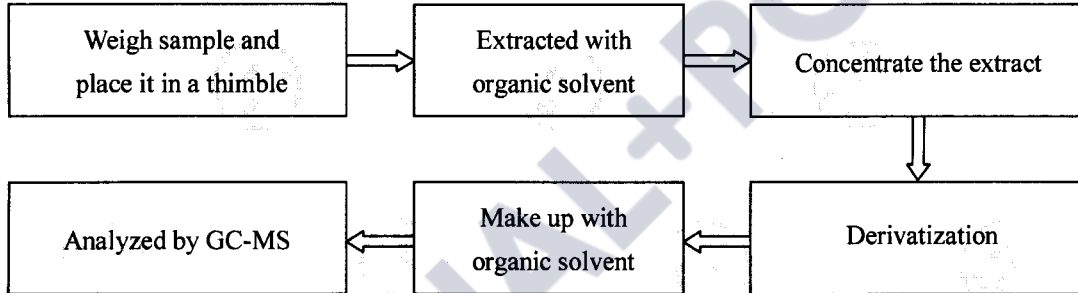
Report No. RLSZE0015385801R1

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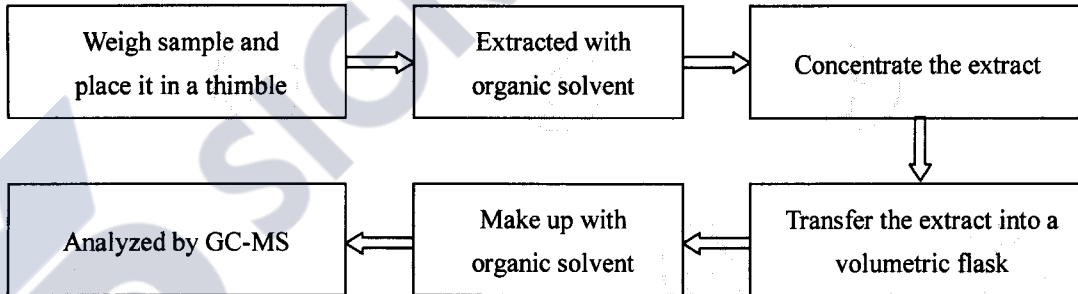
5. Perfluorooctane Sulfonates(PFOS)



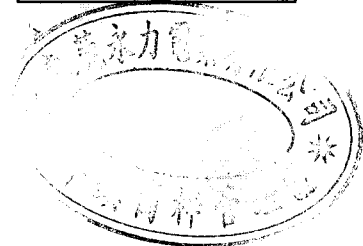
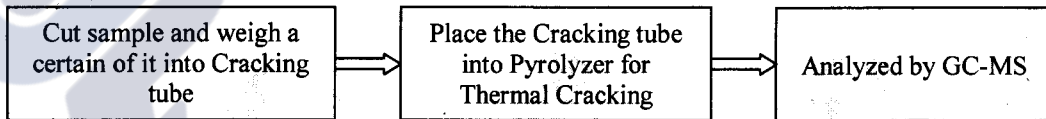
6. Tetrabromobisphenol-A (TBBP-A)



7. Polycyclic Aromatic Hydrocarbons(PAHs)



8. Red phosphorus



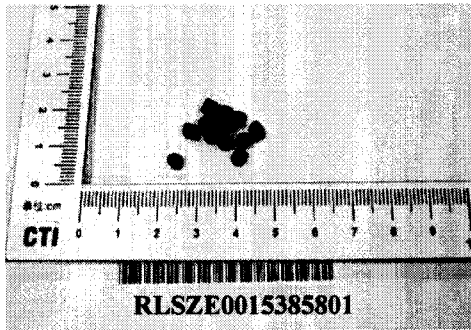
Test Report

Report No. RLSZE0015385801R1

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Photo(s) of the sample(s)

(1)



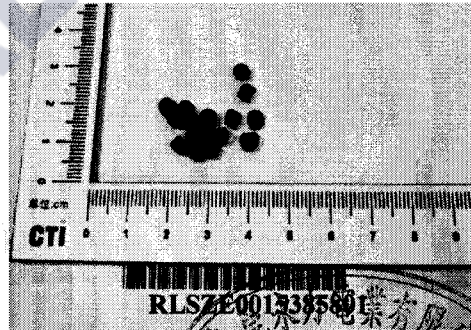
(2)



(3)



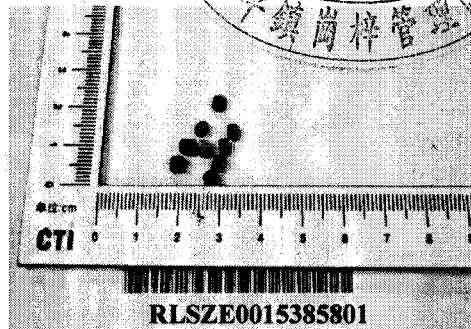
(4)



(5)



(6)



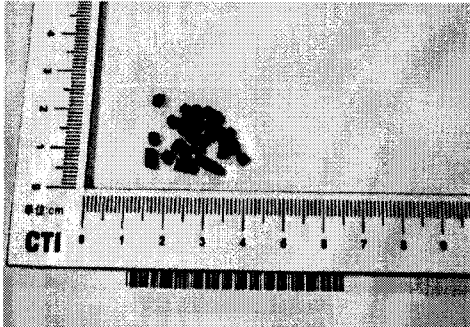
Test Report

Report No. RLSZE0015385801R1

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Photo(s) of the sample(s)

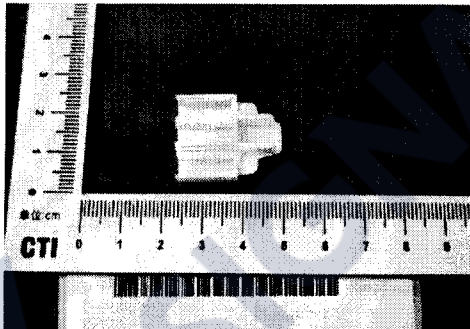
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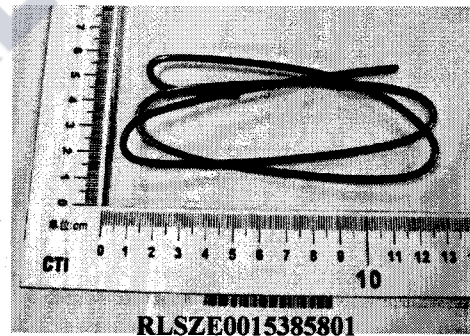
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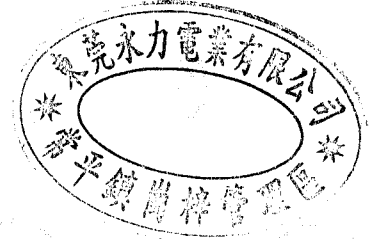
(9)



(10)



(11)



*** End of Report ***

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.

東莞永力電業有限公司

YUNG LI CO., LTD

Da Pu Industrial Zone, Gang Zi, Changping Town,
Dong Guan City, Guangdong 523571 China.P.R.C

TEL:0769-83396797~8

FAX:0769-83396796

E-mail: sales@yung-li.com

Description: YP-32/YC-13

Customer: SIGNAL+POWER

Parts No. : P-3213-06B

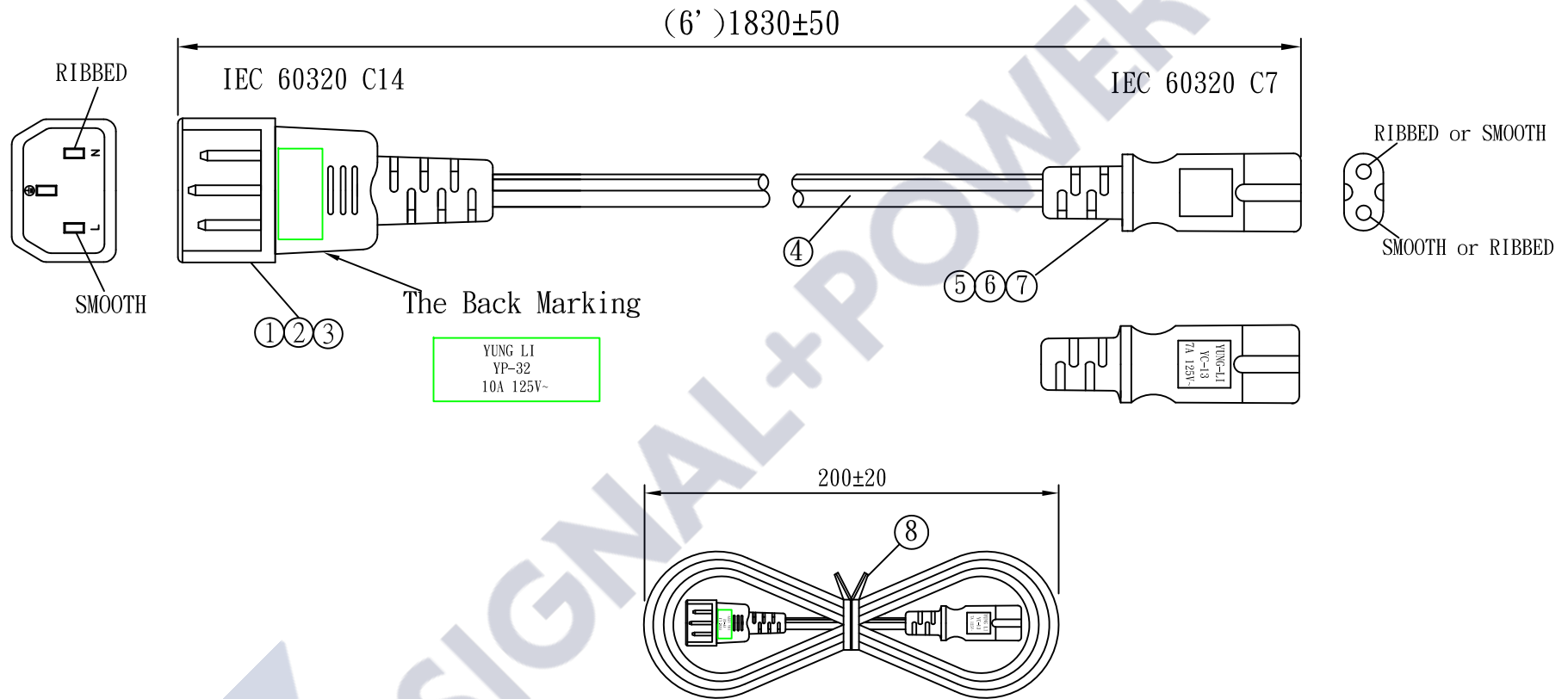
Draw No. :

REVISION RECORD

1		
2		
3		
4		
5		

YUNG LI	
CHECKED	PREPARED BY

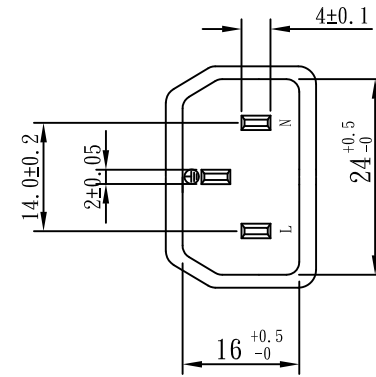
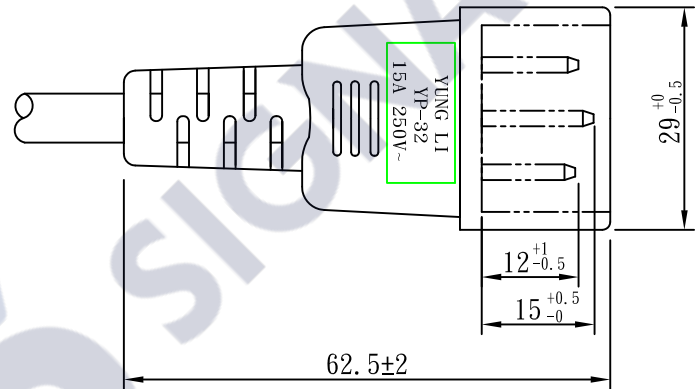
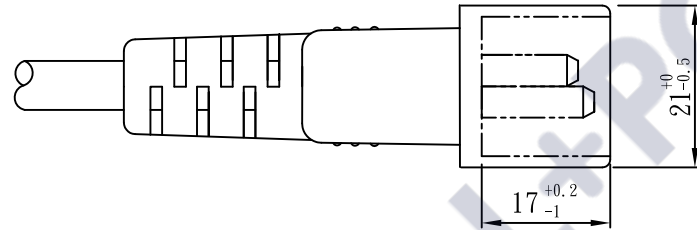
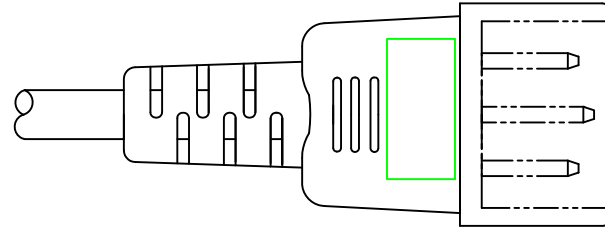
CUSTOMER	APPROVED



NO.	SPECIFICATION	QTY	REMARK
1	YP-32 PVC PLASTIC:50P BLACK	15g/PC	
2	TERMINAL: 98672BS-1	3PCS	
3	H. S. G: 2X4	1PC	
4	SPT-2 18/2C 105 °C BLACK	1PC	
5	YC-13 PVC PLASTIC:50P BLACK	9g/PC	
6	YC-13 H. S. G BLACK	1PC	
7	YC-13 TER	2PCS	
8	MINI TIE:L=130mm BLACK	1PC	

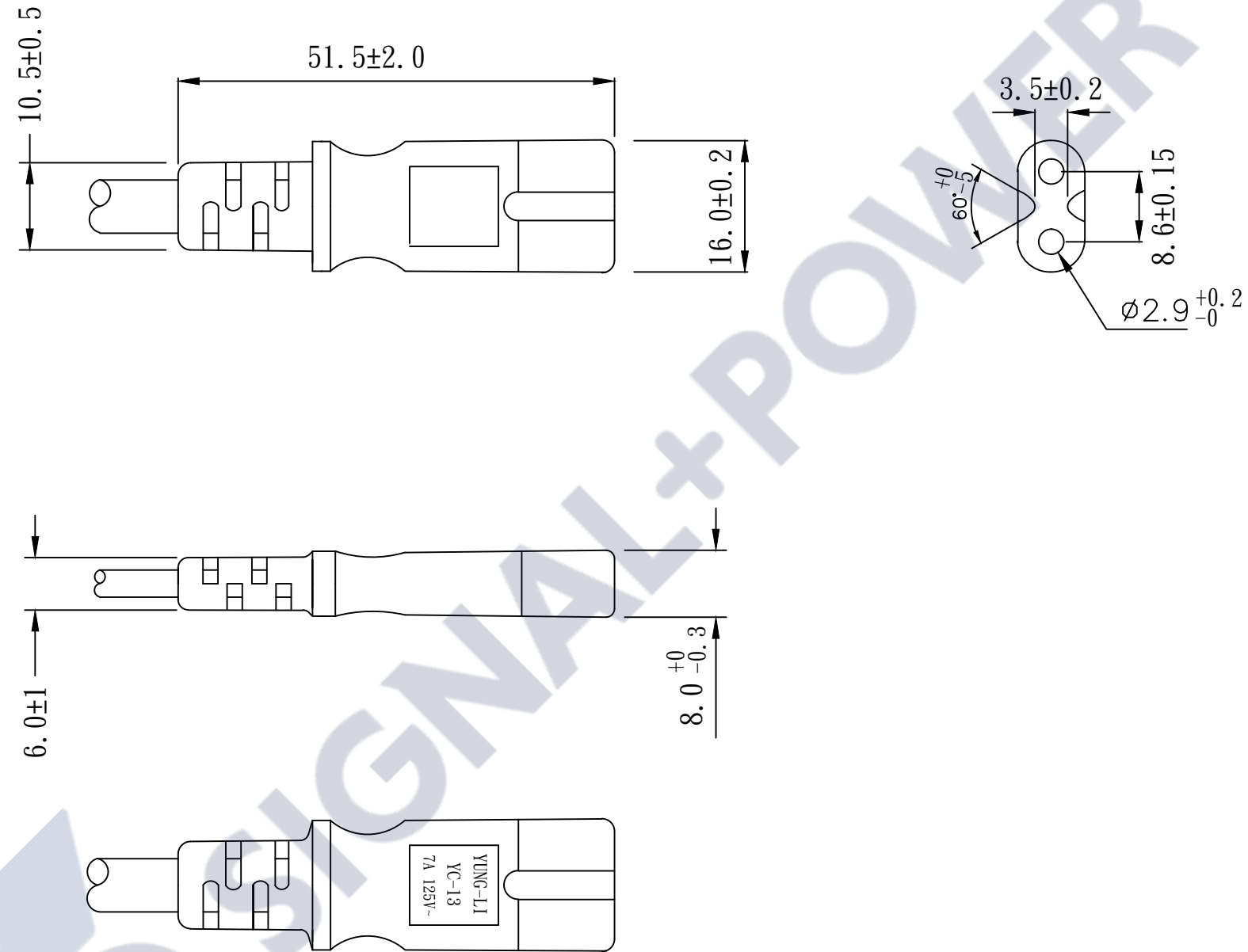
Tolerance >0±0.30 >1.0±0.50 >10.0±1.0 >20.0±2.0 Angle: ±1°	Approved		Date		SIGNAL+POWER			
	Checked		Date					
	Drawn		Date		Customer			
	Cat. No.	YP-32/YC-13			P/N.	P-3213-06B		
	Drawing No.	CY-N0216		Rev.	C	Material	P. V. C	Unit
					HEFT(g)	100		

IEC 60320 C14



TOLERANCE >0±0.30 >1.0±0.50 >10.0±1.0 >20.0±2.0 Angle: ±1°	APPROVED		DATE		YUNG LI CO., LTD			
	CHECKED		DATE					
	DRAWN		DATE		CUSTOMER			
	TYPE	YP-32			P/N			
	DRAWING NO.	CY-P32U15A	REV	B	MATERIAL	P. V. C	UNIT	mm
				SCALE	1:1			

IEC 60320 C7



TOLERANCE $>0 \pm 0.30$ $>1.0 \pm 0.50$ $>10.0 \pm 1.0$ $>20.0 \pm 2.0$ Angle: $\pm 1^{\circ}$	APPROVED		DATE	YUNG LI CO., LTD			
	CHECKED		DATE				
	DRAWN		DATE				
	TYPE	YC-13(7A)		P/N			
	DRAWING NO.	CY-C13U		MATERIAL	P. V. C	UNIT	mm
			SCALE	1:1			

YUNG LI CO., LTD

SPECIFICATION

Yung-Li	Style	PVC FLEXIBLE CORDS	Document No
2007.5.22			
Edition	Size	SPT-2 18/2C 105	Page
A			1/2

1. Standard : UL 62 UL 1581

2. Construction & Dimension

	Item	Specification
Conductor	Size	18AWG X 2C
	Material	Annealed Bare Copper
	Construction	41/ 0.16±0.002
Insulation	Material	PVC
	Minimum Average Thickness	1.14mm
	Minimum Thickness at any point	1.02mm
	Diameter	6.8±0.2/3.4±0.1mm
	Identification	NA
Core Assembly	Core Twist	NA
	Filler	NA
	Assembly Pair	NA
Taping	Mylar Foil	NA
Shielded	A1-Mylar Foil	NA
Drain Wire	Material	NA
	Construction	NA
Jacket	Material	NA
	Minimum Average Thickness	NA
	Minimum Thickness at any point	NA
	Overall Diameter(Approx)	NA
	Color	Any Color

Marking :

YUNG LI (UL) E241374 SPT-2 2/C 18AWG(0.824mm²) 105 300V VW-1
 CSA 177323 SPT-2 2/C 18AWG(0.824mm²) 105 300V FT2

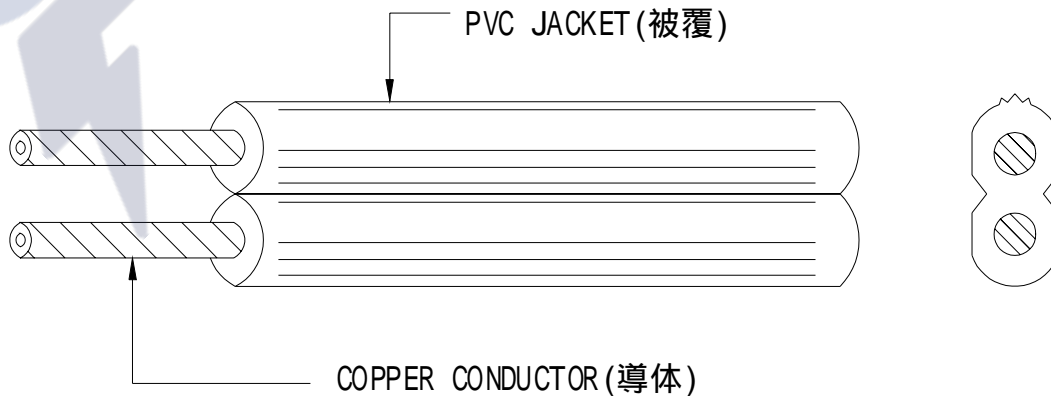
YUNG LI CO., LTD

SPECIFICATION

Yung-Li	Style	PVC FLEXIBLE CORDS	Document No
2007..5.22			
Edition	Size	SPT-2 18/2C 105	Page
A			2/2

3.Electrical & Physical Properties			
Item		Specification	
Rating Voltage		300V	
Insulation Resistance		0.76MΩ/Km 15.0 Min	
Dielectric Strength		AC 1.5 KV/1 min No Break	
Spark Test		6KV/0.15 sec	
Insulation	Unaged	Tensile Strength	1500psi Min
		Elongation	100% Min
	Aged	Tensile Strength	Min 85% (136±1 x 168hrs)
		Elongation	Min 65% (136±1 x 168hrs)
Jacket	Unaged	Tensile Strength	NA
		Elongation	NA
	Aged	Tensile Strength	NA
		Elongation	NA
Deformation Test		121±1 X 1hr 50%	
Cold Bend Test		-20 x 4hr No Crack	
Heat Shock Test		121±1 X 1hr No Crack	

Graph:



**ZJCZ.E241374**
Flexible Cord[Page Bottom](#)

Flexible Cord[See General Information for Flexible Cord](#)**YUNG LI CO LTD**

E241374

1ST FL

10 LANE 235 PAO-CHIAO RD

HSIN-TIEN, TAIPEI HSIEN 231 TAIWAN

Jacketed cords, Type SJTW, STW, SJTO, SJTOW, STO, STOW, SJ, S, SJO, SO, SVT, SVTO, SJT, ST, SJOW, SJOOW, SOW, SOOW, SJOO, SOO.

Parallel cords, Type SPT-1, SPT-2, SPT-3, SPT-1W, SPT-2W, NISPT-1, NISPT-2.

Rang and dryer cord, Type SRDT.

[Last Updated on 2007-02-12](#)

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Certificate of Compliance

Certificate: 1594794 (LL 76398)

Master Contract: 177323

Project: 2616524

Date Issued: April 3, 2013

Issued to: Yung Li Company Ltd.

1F No 10 Lane 235 Pao Chiao Rd
Hsin Tien City
Taipei Hsien,
Taiwan
Attention: Wendy Wu

The products listed below are eligible to bear the CSA Mark shown



Kim Nguyen

Issued by: Kim Nguyen, P. Eng.

PRODUCTS

CLASS 5831 01 - WIRES - Flexible Cord

Types SPT-1, NISPT-1, SPT-2, NISPT-2, SPT-3, SVT, SVTO, SJT, SJTW, SJTO, SJTOW, ST, STW, STO, STOW with PVC insulation and jacket, rated 60C, 75C, 90C and 105C, FT1, FT2, VW-1.

APPLICABLE REQUIREMENTS

CSA C22.2 No 49 - Flexible Cords and Cables

Test Report

Report No.RLSZE0015385801R1

Page 1 of 17

Applicant YUNG LI CO.,LTD
Address DA PU INDUSTRIAL ZONE,GANG ZI,CHANG PING TOWN, DONG GUAN CITY,GUANG DONG 523571 CHINA

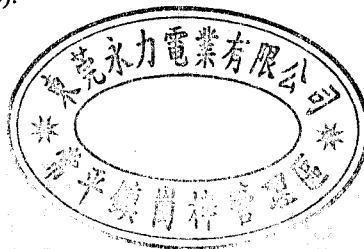
The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Name Please refer to the following page(s)
Part No. Please refer to the following page(s)
Sample Received Date Dec. 28, 2012
Testing Period Dec. 28, 2012 to Jan.5, 2013

Test Requested As specified by client, to test Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs), Red phosphorus, Perfluorooctane Sulfonates(PFOS), Tetrabromobisphenol-A (TBBP-A), Polycyclic Aromatic Hydrocarbons(PAHs) in the submitted sample(s).

Test Method Please refer to the following page(s).

Test Result(s) Please refer to the following page(s).



Tested by Rick Lin Reviewed by Vargas He
Approved by Danny Liu Date Jan. 8, 2013
CTI
SZ03
Danny Liu
Technical Manager

No. 11033271

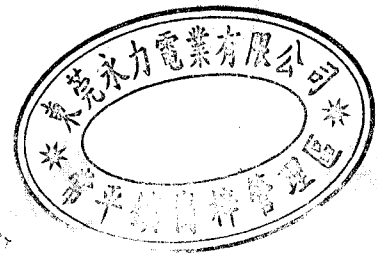
Centre Testing International (Shenzhen) Co., Ltd. Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China

Test Report

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No.	Sample Name(s)	
(1)	AC/DC POWER CORD & PLUG ADAPTERS	PVC BLACK
(2)		PVC WHITE
(3)		PVC BROWN
(4)		PVC BLUE
(5)		PVC YELLOW
(6)		PVC GREEN
(7)		PVC RED
(8)		INK
(9)		INNERBODY
(10)		CABLE COPPER
(11)		TERMINAL COPPER



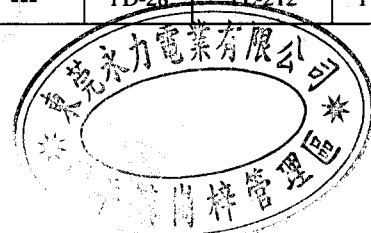
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Part No.

YP-01	YP-12N	YP-19	YP-58N	YC-01	YC-13K	YC-59	YD-05	YL-0213	YL-3613A
YP-02	YP-12P	YP-19L	YP-59	YC-04	YC-13L	YC-72	YD-06	YL-0222	YL-3613L
YP-02L	YP-13	YP-27	YP-62	YC-05	YC-13LG	YC-73	YD-07	YL-0312	YL-3621
YP-03	YP-13B	YP-28	YP-63	YC-05-1	YC-13S	YC-77	YD-09	YL-0314	YL-3621L
YP-03L	YP-13BL	YP-29	YP-64	YC-05A	YC-13W	YC-79	YD-10	YL-0315	YL-3622
YP-03A	YP-13C	YP-32	YP-65	YC-05B	YC-13P	YC-18K	YD-11	YL-0323	YL-3622L
YP-03B	YP-13D	YP-32L	YP-66	YC-05C	YC-13PL	YC-17	YD-12	YL-1113	YL-915
YP-06	YP-13H	YP-32A	YP-67	YC-06	YC-14	YC-61	YD-13	YL-1113A	YL-915A
YP-07	YP-13HB	YP-32Y	YP-68L	YC-06R	YC-14G	YC-62	YD-14	YL-1113L	YL-916
YP-08	YP-13HP	YP-32B	YP-69L	YC-07	YC-14L	YC-64	YD-15	YL-1113B	YL-921
YP-09	YP-13L	YP-32BL	YP-72L	YC-07W	YC-14L-A	YC-12HL	YD-16	YL-1113C	YL-921A
YP-10	YP-13M	YP-32BL-1	YP-73L	YC-08	YC-14GL	YC-05L	YD-17	YL-1113BL	YL-921B
YP-11	YP-13N	YP-32BL-2	YP-74L	YC-09	YC-14S	YC-12SL	YD-17A	YL-1122	YL-935
YP-11A	YP-13O	YP-32BL-3	YP-75L	YC-10	YC-15	---	YD-17B	YL-1122L	YL-939
YP-11C	YP-13E	YP-32BL-4	YP-76	YC-11	YC-16	---	YD-17L	YL-1200	YL-1800
YP-11L	YP-13G	YP-33	YP-77	YC-11GL	YC-17	---	YD-18	YL-1212L	YL-27B17
YP-11L-9	YP-13P	YP-33A	YP-78	YC-12	YC-18	---	YD-19	YL-1214	YL-3215A
YP-11W	YP-13Q	YP-33BL	YP-79	YC-12A	YC-18L	---	YD-20	YL-1214L	YL-1255
YP-11P	YP-13S	YP-33AL	YP-82	YC-12C	YC-18A	---	YD-21	YL-1214G	YL-1256
YP-11R	YP-13T	YP-33AL-1	YP-83	YC-12D	YC-19	---	YD-22	YL-1214W	YL-1653
YP-11T	YP-13U	YP-33AL-2	YP-84	YC-12G	YC-20	---	YD-23	YL-1223	YL-1756
YP-11G	YP-13Y	YP-33AL-3	YP-88L	YC-12K	YC-20L	---	YD-24	YL-1245	YL-1217
YP-11F	YP-13F	YP-33AL-4	YP-90L	YC-12L	YC-20LR	---	YD-25	YL-1246	YL-5556
YP-11K	YP-13R	YP-35	YP-91L	YC-12T	YC-21	---	YD-26	YL-150	YL-5655
YP-12	YP-13W	YP-36	YP-92L	YC-12-01	YC-21A	---	YD-27	YL-150A	YL-5216
YP-12A	YP-13K	YP-37	YP-93L	YC-12GL	YC-21L	---	YD-28	YL-212	YL-5316



Test Report

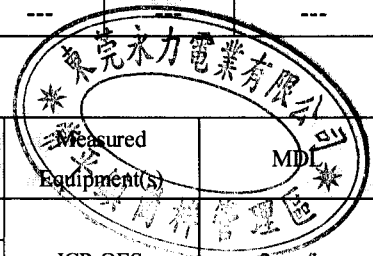
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YP-12C	YP-15	YP-39	YP-93L-1	YC-12GL-3	YC-22	YD-29	YL-312	YL-5517
YP-12E	YP-15G	YP-40	YP-93L-2	YC-12LR	YC-23	YD-30	YL-315	YL-5617
YP-12G	YP-15T	YP-41	YP-93L-3	YC-12S	YC-24	SR 系列	YL-3213	YL-321212
YP-12D	YP-16	YP-42	YP-94L	YC-12Y	YC-25	YCM-001	YL-3214	YL-321515
YP-12L	YP-16L	YP-43	YP-95L	YC-13	YC-25L	YCM-002	YL-3215	YL-3320
YP-12L-9	YP-17	YP-33B	YP-96L	YC-13A	YC-35	YCM-003	YL-3223	YL-331212
YP-12L-11	YP-17L	YP-49	YP-97L	YC-13B	YC-45	YCM-004	YL-3512	YP-3213A
YP-12L-12	YP-18	YP-52	YP-98L	YC-13BL	YC-46	YCM-005	YL-3512L	YL-3315
YP-12L-13	YP-18A	YP-53	YP-99L	YC-13C	YC-52	---	YL-3514	YL-223
YP-12L-14	YP-18B	YP-54	YP-103L	YC-13D	YC-53	---	YL-3515	---
YP-12L-15	YP-18L	YP-55	---	YC-13E	YC-54	---	YL-3522	---
YP-12L-16	YP-18N	YP-56	---	YC-13F	YC-55	---	YL-3523	---
YP-12L-17	YP-18T	YP-57	---	YC-13G	YC-56	---	YL-3613	---
YP-12L-18	YP-18G	YP-58	---	YC-13H	YC-58	---	---	---

Test Method

Tested Item(s)	Test Method	Measured Equipment(s)	MID
Lead (Pb)	IEC 62321:2008 Ed.1 Sec.8	ICP-OES	2 mg/kg
	IEC 62321:2008 Ed.1 Sec.9		
	IEC 62321:2008 Ed.1 Sec.10		
Cadmium (Cd)	IEC 62321:2008 Ed.1 Sec.8	ICP-OES	2 mg/kg
	IEC 62321:2008 Ed.1 Sec.9		
	IEC 62321:2008 Ed.1 Sec.10		
Mercury (Hg)	IEC 62321:2008 Ed.1 Sec.7	ICP-OES	2 mg/kg
Hexavalent Chromium (Cr(VI))	IEC 62321:2008 Ed.1 Annex B	UV-Vis	/
	IEC 62321:2008 Ed.1 Annex C		2 mg/kg
Polybrominated Biphenyls (PBBs)	IEC 62321:2008 Ed.1 Annex A	GC-MS	5 mg/kg
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321:2008 Ed.1 Annex A	GC-MS	5 mg/kg
Perfluorooctane Sulfonates (PFOS)	Refer to US EPA 3550C:2007	LC-MS-MS	5 mg/kg
Tetrabromobisphenol-A (TBBP-A)	Refer to US EPA 3540C:1996	GC-MS	5 mg/kg
Polycyclic Aromatic Hydrocarbons (PAHs)	Refer to US EPA 3550C:2007 & US EPA 8270D:2007	GC-MS	0.2 mg/kg
Red phosphorus	In-house method	Pyrolyzer/GC-MS	0.1 %



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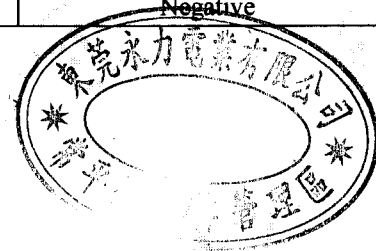
Test Result(s)

Tested Item(s)	Result		
	(1)	(2)	(3)
Lead (Pb)	N.D.	N.D.	N.D.
Cadmium (Cd)	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.
Hexavalent Chromium (Cr(VI))	N.D.	N.D.	N.D.

Tested Item(s)	Result		
	(4)	(5)	(6)
Lead (Pb)	N.D.	N.D.	N.D.
Cadmium (Cd)	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.
Hexavalent Chromium (Cr(VI))	N.D.	N.D.	N.D.

Tested Item(s)	Result		
	(7)	(8)	(9)
Lead (Pb)	N.D.	N.D.	8 mg/kg
Cadmium (Cd)	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.
Hexavalent Chromium (Cr(VI))	N.D.	N.D.	N.D.

Tested Item(s)	Result	
	(10)	(11)
Lead (Pb)	N.D.	40 mg/kg
Cadmium (Cd)	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.
Hexavalent Chromium (Cr(VI))	Negative	Negative



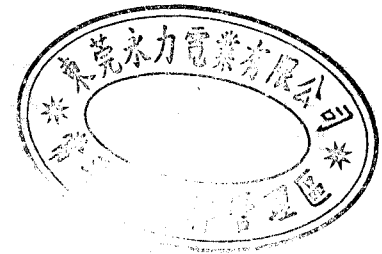
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Test Result(s)

Tested Item(s)	Result		
	(1)	(2)	(3)
Polybrominated Biphenyls(PBBs)			
Monobromobiphenyl	N.D.	N.D.	N.D.
Dibromobiphenyl	N.D.	N.D.	N.D.
Tribromobiphenyl	N.D.	N.D.	N.D.
Tetrabromobiphenyl	N.D.	N.D.	N.D.
Pentabromobiphenyl	N.D.	N.D.	N.D.
Hexabromobiphenyl	N.D.	N.D.	N.D.
Heptabromobiphenyl	N.D.	N.D.	N.D.
Octabromobiphenyl	N.D.	N.D.	N.D.
Nonabromobiphenyl	N.D.	N.D.	N.D.
Decabromobiphenyl	N.D.	N.D.	N.D.
Polybrominated Diphenyl Ethers(PBDEs)			
Monobromodiphenyl ether	N.D.	N.D.	N.D.
Dibromodiphenyl ether	N.D.	N.D.	N.D.
Tribromodiphenyl ether	N.D.	N.D.	N.D.
Tetrabromodiphenyl ether	N.D.	N.D.	N.D.
Pentabromodiphenyl ether	N.D.	N.D.	N.D.
Hexabromodiphenyl ether	N.D.	N.D.	N.D.
Heptabromodiphenyl ether	N.D.	N.D.	N.D.
Octabromodiphenyl ether	N.D.	N.D.	N.D.
Nonabromodiphenyl ether	N.D.	N.D.	N.D.
Decabromodiphenyl ether	N.D.	N.D.	N.D.



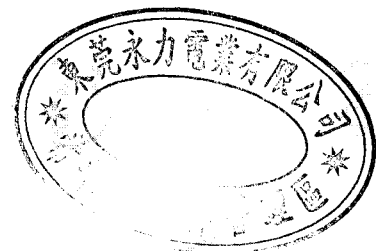
Test Report

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Test Result(s)

Tested Item(s)	Result		
	(4)	(5)	(6)
Polybrominated Biphenyls(PBBs)			
Monobromobiphenyl	N.D.	N.D.	N.D.
Dibromobiphenyl	N.D.	N.D.	N.D.
Tribromobiphenyl	N.D.	N.D.	N.D.
Tetrabromobiphenyl	N.D.	N.D.	N.D.
Pentabromobiphenyl	N.D.	N.D.	N.D.
Hexabromobiphenyl	N.D.	N.D.	N.D.
Heptabromobiphenyl	N.D.	N.D.	N.D.
Octabromobiphenyl	N.D.	N.D.	N.D.
Nonabromobiphenyl	N.D.	N.D.	N.D.
Decabromobiphenyl	N.D.	N.D.	N.D.
Polybrominated Diphenyl Ethers(PBDEs)			
Monobromodiphenyl ether	N.D.	N.D.	N.D.
Dibromodiphenyl ether	N.D.	N.D.	N.D.
Tribromodiphenyl ether	N.D.	N.D.	N.D.
Tetrabromodiphenyl ether	N.D.	N.D.	N.D.
Pentabromodiphenyl ether	N.D.	N.D.	N.D.
Hexabromodiphenyl ether	N.D.	N.D.	N.D.
Heptabromodiphenyl ether	N.D.	N.D.	N.D.
Octabromodiphenyl ether	N.D.	N.D.	N.D.
Nonabromodiphenyl ether	N.D.	N.D.	N.D.
Decabromodiphenyl ether	N.D.	N.D.	N.D.



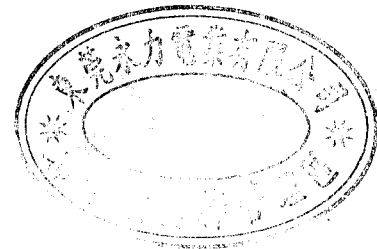
Test Report

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Test Result(s)

Tested Item(s)	Result		
	(7)	(8)	(9)
Polybrominated Biphenyls(PBBs)			
Monobromobiphenyl	N.D.	N.D.	N.D.
Dibromobiphenyl	N.D.	N.D.	N.D.
Tribromobiphenyl	N.D.	N.D.	N.D.
Tetrabromobiphenyl	N.D.	N.D.	N.D.
Pentabromobiphenyl	N.D.	N.D.	N.D.
Hexabromobiphenyl	N.D.	N.D.	N.D.
Heptabromobiphenyl	N.D.	N.D.	N.D.
Octabromobiphenyl	N.D.	N.D.	N.D.
Nonabromobiphenyl	N.D.	N.D.	N.D.
Decabromobiphenyl	N.D.	N.D.	N.D.
Polybrominated Diphenyl Ethers(PBDEs)			
Monobromodiphenyl ether	N.D.	N.D.	N.D.
Dibromodiphenyl ether	N.D.	N.D.	N.D.
Tribromodiphenyl ether	N.D.	N.D.	N.D.
Tetrabromodiphenyl ether	N.D.	N.D.	N.D.
Pentabromodiphenyl ether	N.D.	N.D.	N.D.
Hexabromodiphenyl ether	N.D.	N.D.	N.D.
Heptabromodiphenyl ether	N.D.	N.D.	N.D.
Octabromodiphenyl ether	N.D.	N.D.	N.D.
Nonabromodiphenyl ether	N.D.	N.D.	N.D.
Decabromodiphenyl ether	N.D.	N.D.	N.D.



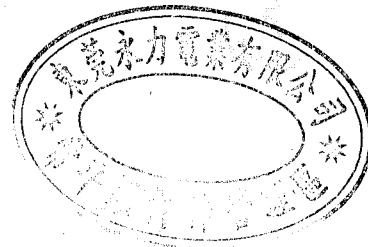
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Test Result(s)

Tested Item(s)	Result		
	(1)	(2)	(3)
Polycyclic Aromatic Hydrocarbons(PAHs)			
Naphthalene	N.D.	N.D.	N.D.
Acenaphthylene	N.D.	N.D.	N.D.
Acenaphthene	N.D.	N.D.	N.D.
Fluorene	N.D.	N.D.	N.D.
Phenanthrene	N.D.	N.D.	N.D.
Anthracene	N.D.	N.D.	N.D.
Fluoranthene	N.D.	N.D.	N.D.
Pyrene	N.D.	N.D.	N.D.
Benzo[a]anthracene	N.D.	N.D.	N.D.
Chrysene	N.D.	N.D.	N.D.
Benzo[b]fluoranthene	N.D.	N.D.	N.D.
Benzo[k]fluoranthene	N.D.	N.D.	N.D.
Benzo[a]pyrene	N.D.	N.D.	N.D.
Indeno[1,2,3-cd]pyrene	N.D.	N.D.	N.D.
Dibenzo[a,h]anthracene	N.D.	N.D.	N.D.
Benzo[g,h,i]perylene	N.D.	N.D.	N.D.
Benzo[j]fluoranthene	N.D.	N.D.	N.D.
Benzo[e]pyrene	N.D.	N.D.	N.D.



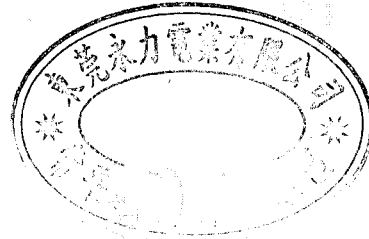
Test Report

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Test Result(s)

Tested Item(s)	Result		
	(4)	(5)	(6)
Polycyclic Aromatic Hydrocarbons(PAHs)			
Naphthalene	N.D.	N.D.	N.D.
Acenaphthylene	N.D.	N.D.	N.D.
Acenaphthene	N.D.	N.D.	N.D.
Fluorene	N.D.	N.D.	N.D.
Phenanthrene	N.D.	N.D.	N.D.
Anthracene	N.D.	N.D.	N.D.
Fluoranthene	N.D.	N.D.	N.D.
Pyrene	N.D.	N.D.	N.D.
Benzo[a]anthracene	N.D.	N.D.	N.D.
Chrysene	N.D.	N.D.	N.D.
Benzo[b]fluoranthene	N.D.	N.D.	N.D.
Benzo[k]fluoranthene	N.D.	N.D.	N.D.
Benzo[a]pyrene	N.D.	N.D.	N.D.
Indeno[1,2,3-cd]pyrene	N.D.	N.D.	N.D.
Dibenzo[a,h]anthracene	N.D.	N.D.	N.D.
Benzo[g,h,i]perylene	N.D.	N.D.	N.D.
Benzo[j]fluoranthene	N.D.	N.D.	N.D.
Benzo[e]pyrene	N.D.	N.D.	N.D.



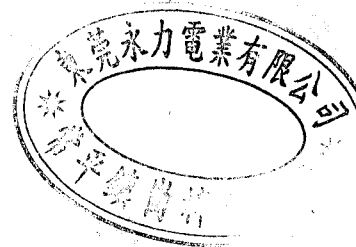
Test Report

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Test Result(s)

Tested Item(s)	Result		
	(7)	(8)	(9)
Polycyclic Aromatic Hydrocarbons(PAHs)			
Naphthalene	N.D.	N.D.	N.D.
Acenaphthylene	N.D.	N.D.	N.D.
Acenaphthene	N.D.	N.D.	N.D.
Fluorene	N.D.	N.D.	N.D.
Phenanthrene	N.D.	N.D.	N.D.
Anthracene	N.D.	N.D.	N.D.
Fluoranthene	N.D.	N.D.	N.D.
Pyrene	N.D.	N.D.	N.D.
Benzo[a]anthracene	N.D.	N.D.	N.D.
Chrysene	N.D.	N.D.	N.D.
Benzo[b]fluoranthene	N.D.	N.D.	N.D.
Benzo[k]fluoranthene	N.D.	N.D.	N.D.
Benzo[a]pyrene	N.D.	N.D.	N.D.
Indeno[1,2,3-cd]pyrene	N.D.	N.D.	N.D.
Dibenzo[a,h]anthracene	N.D.	N.D.	N.D.
Benzo[g,h,i]perylene	N.D.	N.D.	N.D.
Benzo[j]fluoranthene	N.D.	N.D.	N.D.
Benzo[e]pyrene	N.D.	N.D.	N.D.



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Test Result(s)

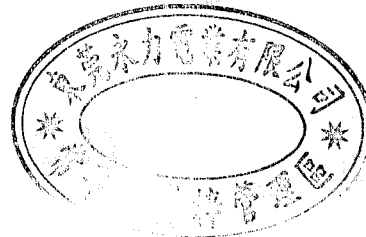
Tested Item(s)	Result		
	(1)	(2)	(3)
Perfluorooctane Sulfonates(PFOS)	N.D.	N.D.	N.D.
Tetrabromobisphenol-A (TBBP-A)	N.D.	N.D.	N.D.
Red phosphorus	N.D.	N.D.	N.D.

Tested Item(s)	Result		
	(4)	(5)	(6)
Perfluorooctane Sulfonates(PFOS)	N.D.	N.D.	N.D.
Tetrabromobisphenol-A (TBBP-A)	N.D.	N.D.	N.D.
Red phosphorus	N.D.	N.D.	N.D.

Tested Item(s)	Result		
	(7)	(8)	(9)
Perfluorooctane Sulfonates(PFOS)	N.D.	N.D.	N.D.
Tetrabromobisphenol-A (TBBP-A)	N.D.	N.D.	N.D.
Red phosphorus	N.D.	N.D.	N.D.

Tested Sample/Part Description

- (1) Black plastic grains
- (2) White plastic grains
- (3) Brown plastic grains
- (4) Blue plastic grains
- (5) Yellow plastic grains
- (6) Green plastic grains
- (7) Red plastic grains
- (8) White liquid
- (9) White plastic
- (10) Cupreous metal wire
- (11) Golden metal



Note: The samples had been dissolved totally tested for Lead, Cadmium, Mercury.

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million

Negative = Absence of Cr(VI), the detected Cr(VI) concentration in the boiling water extraction solution is less than 0.02 mg/kg with 50cm² sample surface area used.

Test Report

Report No. RLSZE0015385801R1

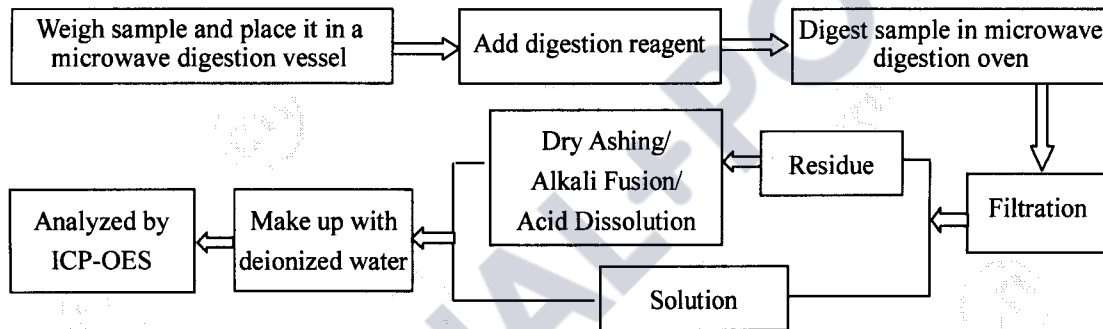
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Remark: 1. According to the client's statement, the material of sample (1)-(8),(10) in this report are the same as the sample (1)-(9) in report No. RLSZE00153858, so the test result(s) of sample (1)-(8),(10) are presented in reference to that one.
2. This report replaces RLSZE0015385801. Report RLSZE0015385801 is now terminated. The end number R1 of this report represents the revised version.

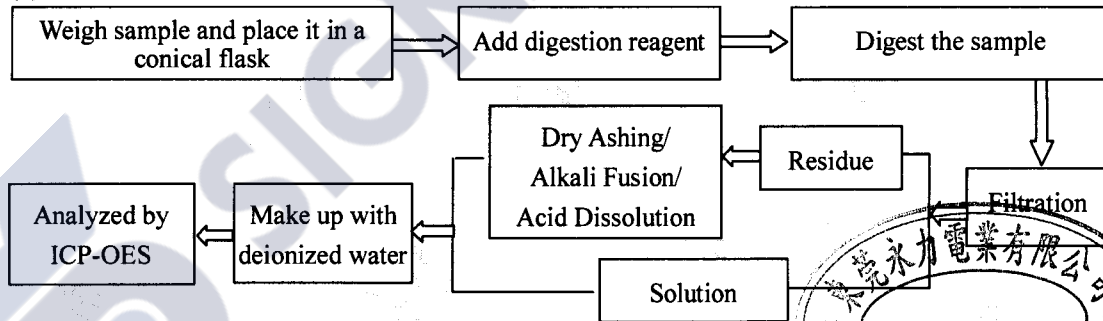
Test Process

1. Lead(Pb), Cadmium(Cd)

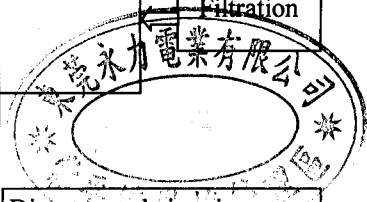
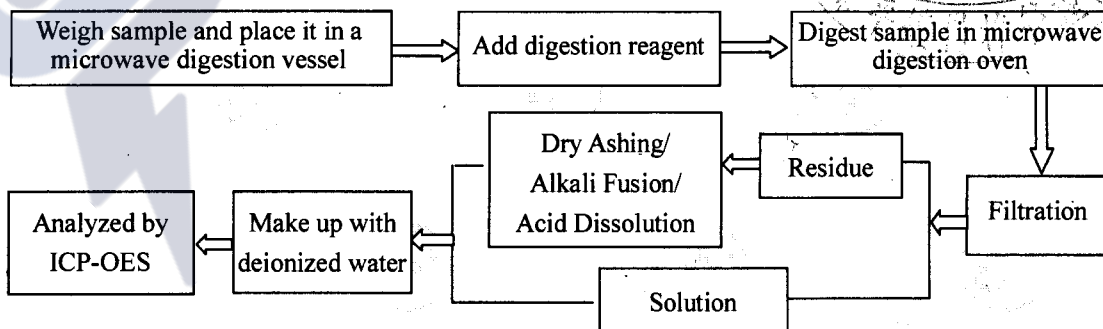
(1) IEC 62321:2008 Ed.1 Sec.8



(2) IEC 62321:2008 Ed.1 Sec.9



(3) IEC 62321:2008 Ed.1 Sec.10

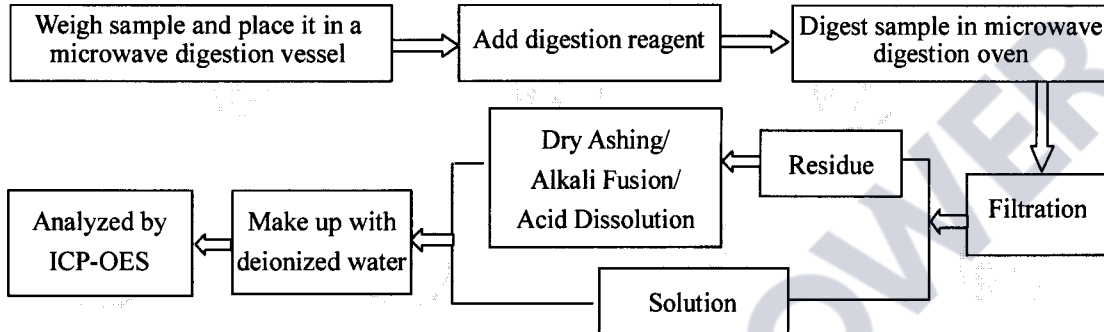


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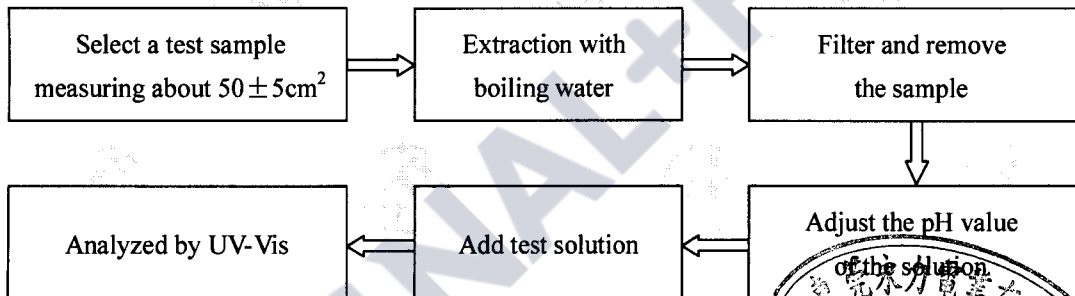
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2. Mercury(Hg)

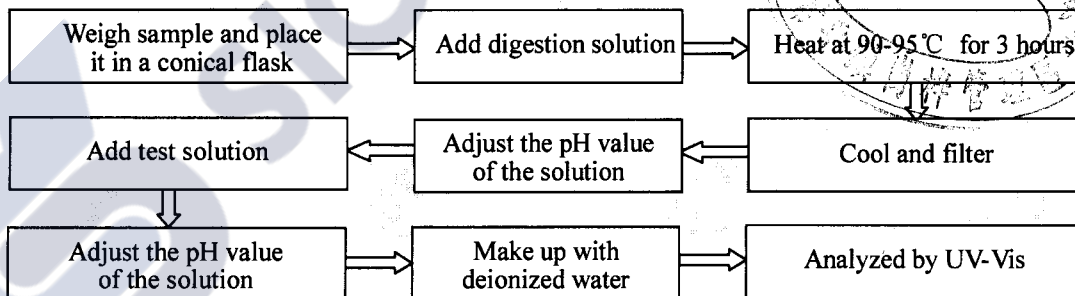


3. Hexavalent Chromium(Cr(VI))

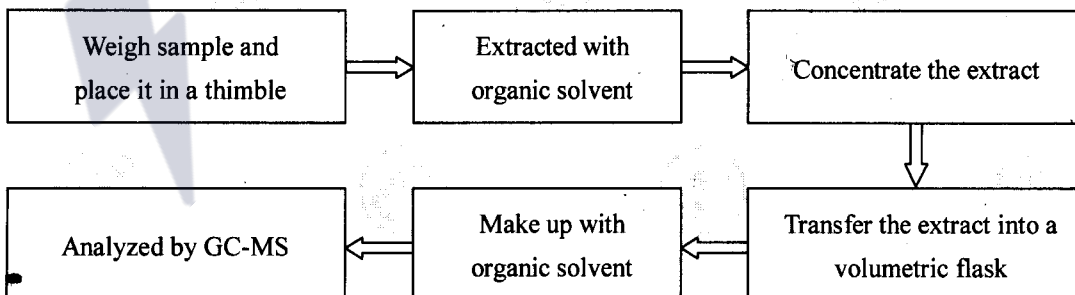
(1) IEC 62321:2008 Ed.1 Annex B



(2) IEC 62321:2008 Ed.1 Annex C



4. Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs)

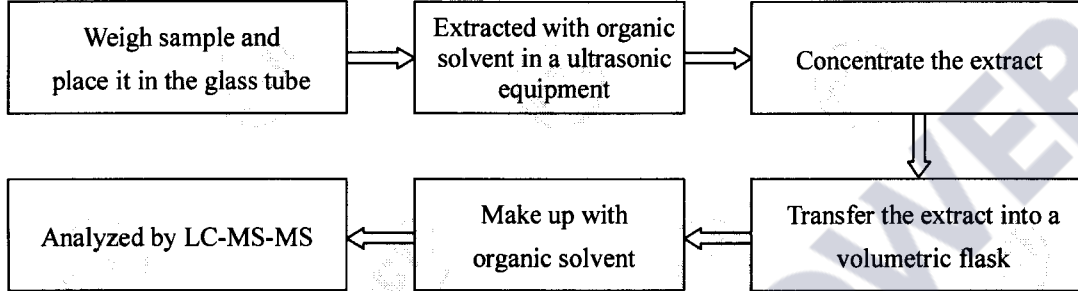


Test Report

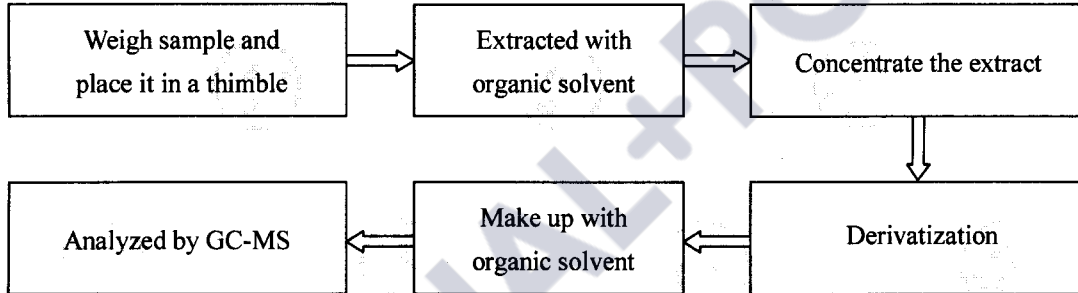
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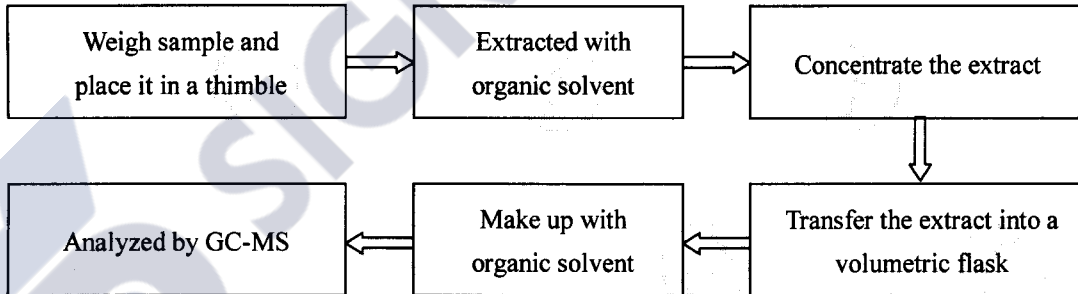
5. Perfluorooctane Sulfonates(PFOS)



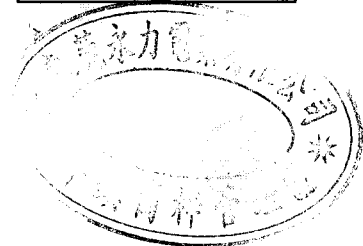
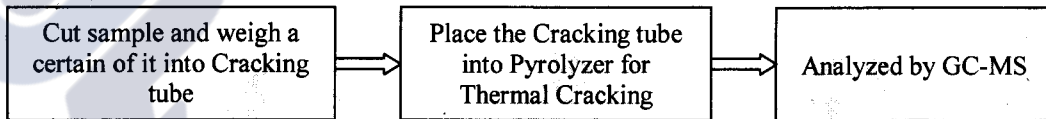
6. Tetrabromobisphenol-A (TBBP-A)



7. Polycyclic Aromatic Hydrocarbons(PAHs)



8. Red phosphorus



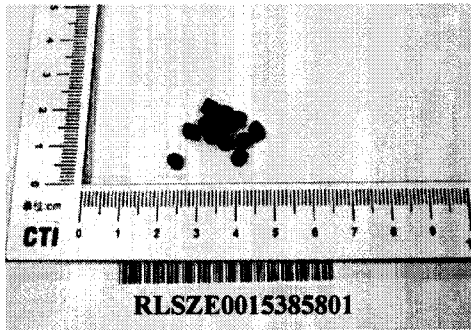
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Photo(s) of the sample(s)

(1)



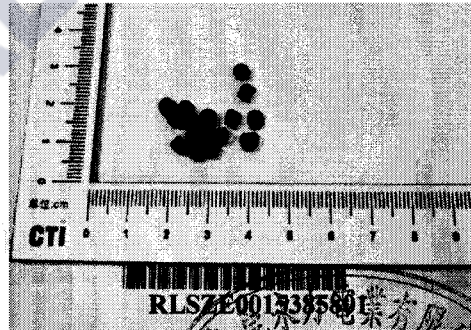
(2)



(3)



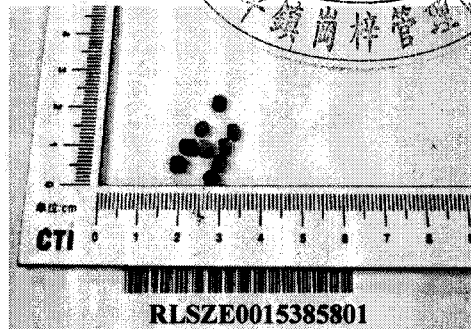
(4)



(5)



(6)



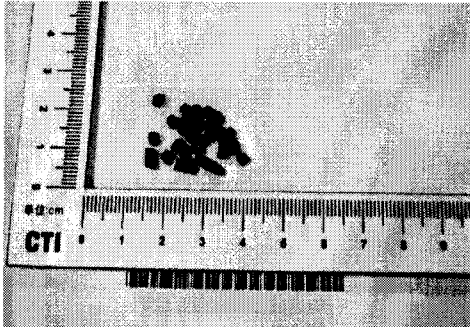
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Photo(s) of the sample(s)

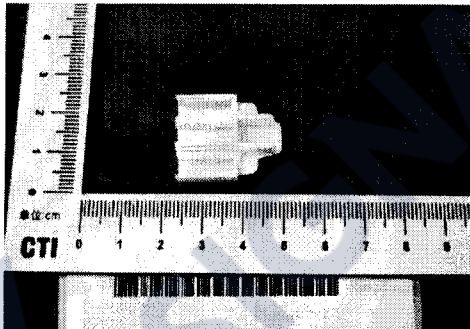
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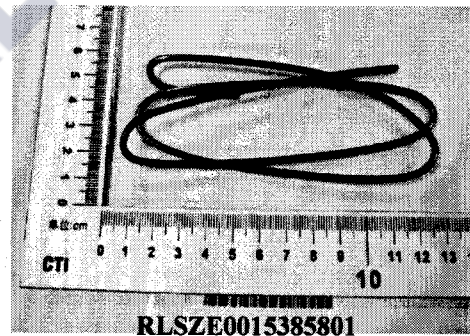
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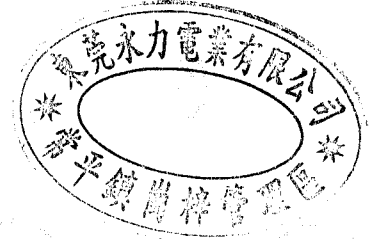
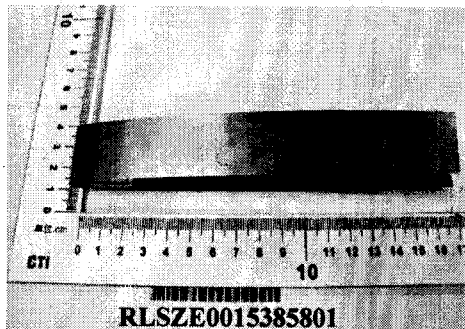
(9)



(10)



(11)



*** End of Report ***

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