ICP Test Report Certification Packet

Company name: Littelfuse, Inc.

Product Series: LF – Fuseblock Covers

Product #: please see page 2

Issue Date: August 1, 2012

It is hereby certified by Littelfuse, Inc. that there is neither RoHS (EU Directive 2002/95/EC, 2011/65/EU)-restricted substance nor such use, for materials to be used for unit parts, for packing/packaging materials, and for additives and the like in the manufacturing processes.
In addition, it is hereby reported to you that the parts and sub-materials, the materials to be used for unit parts, the packing/packaging materials, and the additives and the like in the manufacturing processes, are all composed of the following components.

Issued by: KRISTEEN BACILA

<Global EHS Engineer>

(1) Parts, sub-materials and unit parts

This document covers the JLS RoHS-Compliant series products manufactured by Littelfuse, Inc.

＜ Raw Materials Used

Please see Table 1

(2) The ICP data on all measurable substances

Please see appropriate pages as identifed in Table 1

Remarks :

Table 1: List of Raw Materials covered by this report

Total Parts	Raw Material Part Number	Raw Material Description	Page(s)
1	NA	PBT & BF T Covers (100A, 200A, 400A,600A) H Covers (30A, 60A,100A) J Covers (30A, 100A)	3-11
2	NA	FR530 T Covers (30A, 60A) J Covers (60A) C Covers (100A)	12-20
3	NA	Printing Ink	22-30

Table 2: Part numbers of Fuseblock Covers

NO:	Part Name	Part Number:
1	T 300V 30Acover	LFT30030FBC
2	T 300V 60Acover	LFT30060FBC
3	T 300V 100Acover	LFT30100FBC
4	T 600V 30Acover	LFT60030FBC
5	T 600V 60Acover	LFT60060FBC
6	J 600V 60Acover	LFJ60060FBC
7	C 600V 60Acover	LFC60060FBC
8	T cover 100A	LT60100FBC
9	T cover 200A	LT60200FBC
10	T cover 400A	LT60400FBC
11	T cover 600A	LT60600FBC
12	H 250V 30Acover	LFH25030FBC
13	H 250V 60Acover	LFH25060FBC
14	H 250V 100Acover	LFH25100FBC
15	H 600V 30Acover	LFH60030FBC
16	H 600V 60Acover	LFH60060FBC
17	H 600V 100Acover	LFH60100FBC
18	J 600V 30Acover	LFJ60030FBC
19	J 600V 100Acover	LFJ60100FBC

Test Report Number : TWNC00268061

Applicant: Littelfuse Philippines Inc. Date : Jul 27, 2012
LIMA Technology Center, Lipa City,
Malvar, Batangas

Sample Description:
One (1) group of submitted samples said to be :
Part Description : PBT POCAN
Part Number : BF 4232
Date Sample Received : Jul 20, 2012
Date Test Started : Jul 21, 2012

Test Conducted :
As requested by the applicant, for details please refer to attached pages.

Authorized By:
On Behalf Of Intertek Testing Services
Taiwan Limited



K. Y. Liang
Director

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8F., No. 423, Ruiguang Rd., Neihu District, Taipei 114, Taiwan, R.O.C.
全國公證檢驗股份有限公司
114 台北市內湖區瑞光路 423 號 8 樓
Tel: (+886-2) 6602-2888 · 2797-8885 Fax: (+886-2) 6602-2410

Number : TWNC00268061

Test Conducted

(Ⅰ) Test Result Summary :

Test Item	Result (ppm)
	Black Plastic Pellets
Heavy Metal	
Cadmium (Cd) content	ND
Lead (Pb) content	15
Mercury (Hg) content	ND
Chromium VI (Cr^{6+}) content	ND
Polybrominated Biphenyls (PBBs)	
Monobrominated Biphenyls (MonoBB)	ND
Dibrominated Biphenyls (DiBB)	ND
Tribrominated Biphenyls (TriBB)	ND
Tetrabrominated Biphenyls (TetraBB)	ND
Pentabrominated Biphenyls (PentaBB)	ND
Hexabrominated Biphenyls (HexaBB)	ND
Heptabrominated Biphenyls (HeptaBB)	ND
Octabrominated Biphenyls (OctaBB)	ND
Nonabrominated Biphenyls (NonaBB)	ND
Decabrominated Biphenyl (DecaBB)	ND
Polybrominated Diphenyl Ethers (PBDEs)	
Monobrominated Diphenyl Ethers (MonoBDE)	ND
Dibrominated Diphenyl Ethers (DiBDE)	ND
Tribrominated Diphenyl Ethers (TriBDE)	ND
Tetrabrominated Diphenyl Ethers (TetraBDE)	ND
Pentabrominated Diphenyl Ethers (PentaBDE)	ND
Hexabrominated Diphenyl Ethers (HexaBDE)	ND
Heptabrominated Diphenyl Ethers (HeptaBDE)	ND
Octabrominated Diphenyl Ethers (OctaBDE)	ND
Nonabrominated Diphenyl Ethers (NonaBDE)	ND
Decabrominated Diphenyl Ether (DecaBDE)	ND
Halogen Content	
Fluorine (F)	1018
Chlorine (Cl)	ND
Bromine (Br)	33392
Iodine (I)	ND
Phthalates	
Di(2-ethylhexyl) Phthalate (DEHP)	ND
Dibutyl Phthalate (DBP)	ND
Benzyl Butyl Phthalate (BBP)	ND

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8F., No. 423, Ruiguang Rd., Neihu District, Taipei 114, Taiwan, R.O.C.
全國公證檢驗股份有限公司
114 台北市內湖區瑞光路 423 號 8 樓
Tel: (+886-2) 6602-2888 · 2797-8885 Fax: (+886-2) 6602-2410

Number : TWNC00268061

Test Conducted

(Ⅰ) Test Result Summary :

Test Item	Result (ppm)
	Black Plastic Pellets
Others	
Hexabromocyclododecane (HBCDD)	ND

Remarks: ppm = Parts per million based on weight of tested sample = mg/kg
ND = Not detected

Responsibility of Chemist : Irene Chiou / Kevin Liu / Cathy Chen

Date Sample Received : Jul 20, 2012
Test Period : Jul 21, 2012 To Jul 27, 2012

(Ⅱ) RoHS Limits:

Restricted Substances	Limits
Cadmium (Cd) Content	0.01% (100ppm)
Lead (Pb) Content	0.1% (1000ppm)
Mercury (Hg) Content	0.1% (1000ppm)
Chromium VI (Cr^{6+}) Content	0.1% (1000ppm)
Polybrominated Biphenyls (PBBs)	0.1% (1000ppm)
Polybrominated Diphenyl Ehters (PBDEs)	0.1% (1000ppm)

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

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全國公證檢驗股份有限公司
114 台北市內湖區瑞光路 423 號 8 樓
Tel: (+886-2) 6602-2888 · 2797-8885 Fax: (+886-2) 6602-2410

Test Conducted

(Ⅲ) Test Method:

Test Item	Test Method	Reporting Limit
Cadmium (Cd) content	With reference to IEC 62321 edition 1.0:2008 in clause 8/9/10, by microwave digestion until the tested samples are totally dissolved and determined by ICP-OES.	2 ppm
Lead (Pb) content	With reference to IEC 62321 edition 1.0:2008 in clause 8/9/10, by microwave digestion until the tested samples are totally dissolved and determined by ICP-OES.	2 ppm
Mercury (Hg) content	With reference to IEC 62321 edition 1.0:2008 in clause 7, by microwave digestion until the tested samples are totally dissolved and determined by ICP-OES.	2 ppm
Chromium VI (Cr^{6+}) content	With reference to IEC 62321 edition 1.0:2008 in annex C, by alkaline digestion and determined by UV-Vis spectrophotometer.	1 ppm
Polybrominated Biphenyls (PBBs)	With reference to IEC 62321 edition 1.0:2008 in annex A, by solvent extraction and determined by GC-MS and further HPLC-DAD confirmation when necessary.	5 ppm
Polybrominated Diphenyl Ethers (PBDEs)	With reference to IEC 62321 edition 1.0:2008 in annex A, by solvent extraction and determined by GC-MS and further HPLC-DAD confirmation when necessary.	5 ppm
Halogen Content	With reference to EN 14582:2007 by calorimetric bomb with oxygen and determined by Ion Chromatograph.	50 ppm
Phthalates	With reference to EN 14372: 2004, by solvent extraction and determined by GC-MS.	50 ppm
Hexabromocyclododecane (HBCDD)	With reference to USEPA 3540C, by solvent extraction and determined by GC-MSD.	10 ppm

Remark: Reporting limit = Quantitation limit of analyte in sample

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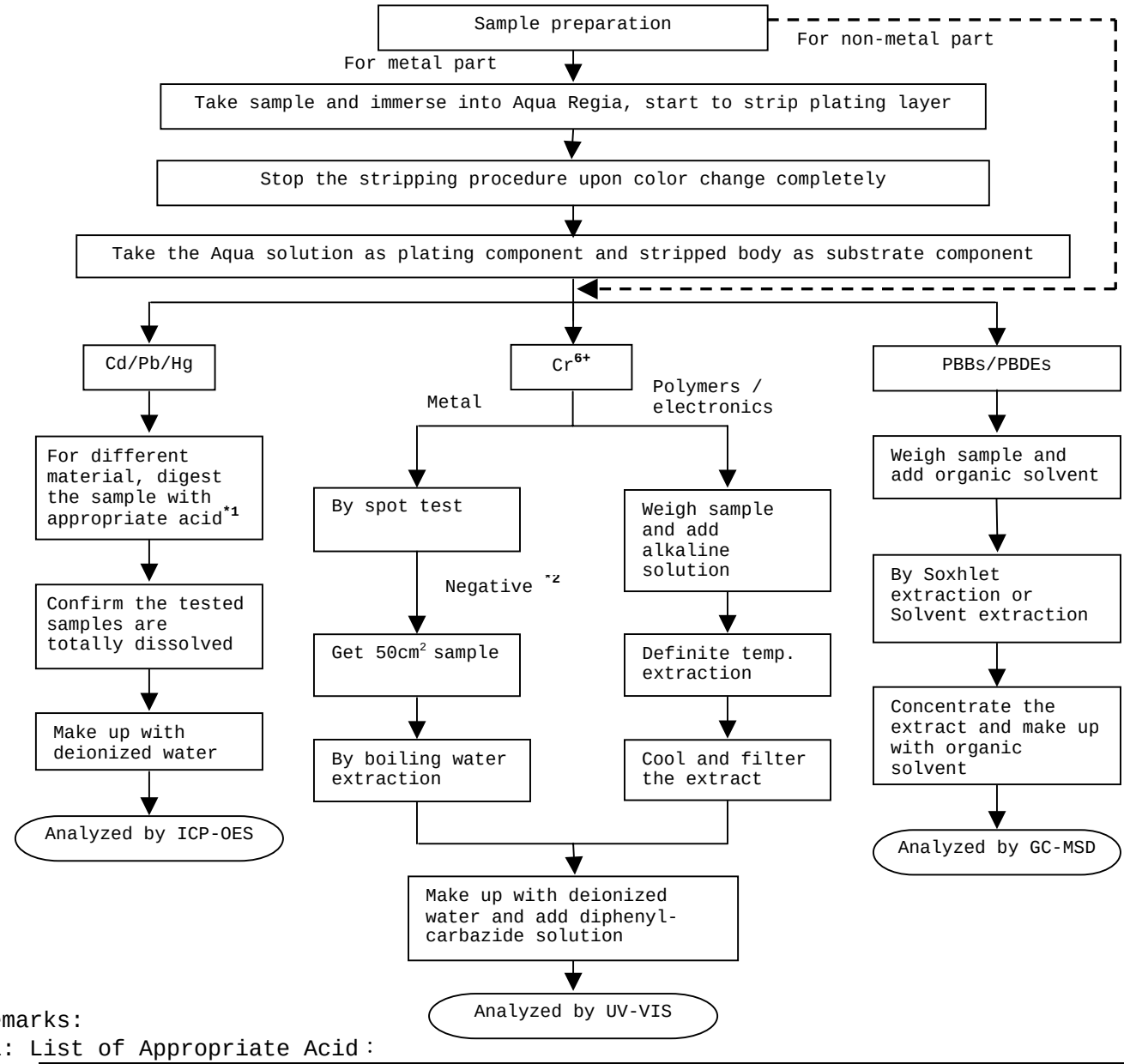
Tel: (+886-2) 6602-2888 · 2797-8885 Fax: (+886-2) 6602-2410

Test Conducted

(Ⅳ) Measurement Flowchart:

Test for Cd/Pb/Hg/Chromium (VI)/PBBS/PBDES Contents

Reference Standard: IEC 62321 edition 1.0:2008



Remarks:

*1: List of Appropriate Acid：

Material	Acid Added for Digestion
Polymers	HNO_3, HCl, HF, H_2O_2, H_3BO_3
Metals	HNO_3, HCl, HF
Electronics	HNO_3, HCl, H_2O_2, HBF_4

*2: If the result of spot test is positive, Chromium VI would be determined as detected.

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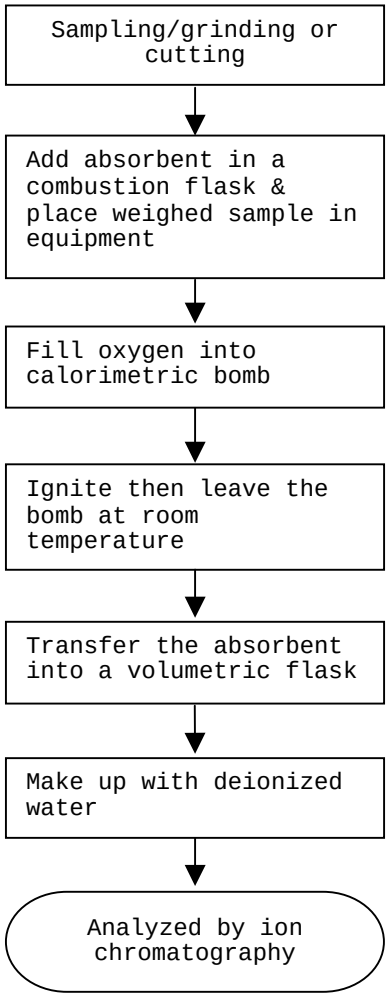
8F., No. 423, Ruiguang Rd., Neihu District, Taipei 114, Taiwan, R.O.C.
全國公證檢驗股份有限公司
114 台北市內湖區瑞光路 423 號 8 樓
Tel: (+886-2) 6602-2888 · 2797-8885 Fax: (+886-2) 6602-2410

Test Conducted

(Ⅳ) Measurement Flowchart:

Test for Halogen Content

Reference Standard：EN 14582



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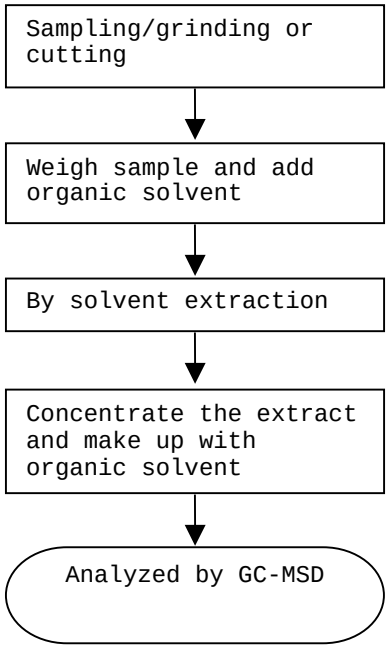
114 台北市內湖區瑞光路 423 號 8 樓
Tel: (+886-2) 6602-2888 · 2797-8885 Fax: (+886-2) 6602-2410

Test Conducted

(Ⅳ) Measurement Flowchart:

Test For Phthalates Contents
Reference Method: EN 14372: 2004



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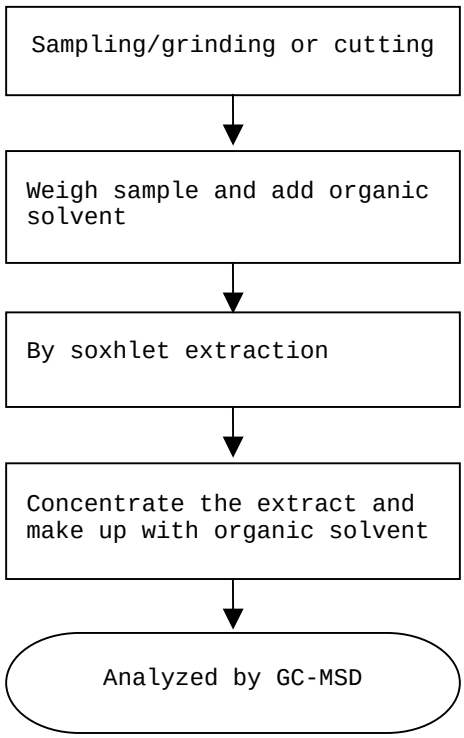
8F., No. 423, Ruiguang Rd., Neihu District, Taipei 114, Taiwan, R.O.C.
全國公證檢驗股份有限公司
114 台北市內湖區瑞光路 423 號 8 樓
Tel: (+886-2) 6602-2888 · 2797-8885 Fax: (+886-2) 6602-2410

Test Conducted

(Ⅳ) Measurement Flowchart:

Test For Hexabromocyclododecane (HBCDD)

Reference Standard：USEPA 3540C



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全國公證檢驗股份有限公司

114 台北市內湖區瑞光路 423 號 8 樓

Tel: (+886-2) 6602-2888 · 2797-8885 Fax: (+886-2) 6602-2410

Number : TWNC00268061

Test Conducted

Photo





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8F., No. 423, Ruiguang Rd., Neihu District, Taipei 114, Taiwan, R.O.C.
全國公證檢驗股份有限公司
114 台北市內湖區瑞光路 423 號 8 樓
Tel: (+886-2) 6602-2888 · 2797-8885 Fax: (+886-2) 6602-2410

Test Report Number : TWNC00268060

Applicant: Littelfuse Philippines Inc. Date : Jul 27, 2012
LIMA Technology Center, Lipa City,
Malvar, Batangas

Sample Description:
One (1) group of submitted samples said to be :
Part Description : PET FR530
Date Sample Received : Jul 20, 2012
Date Test Started : Jul 21, 2012

Test Conducted :
As requested by the applicant, for details please refer to attached pages.

Authorized By:
On Behalf Of Intertek Testing Services
Taiwan Limited



K. Y. Liang
Director

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114 台北市內湖區瑞光路 423 號 8 樓
Tel: (+886-2) 6602-2888 · 2797-8885 Fax: (+886-2) 6602-2410

Number : TWNC00268060

Test Conducted

(Ⅰ) Test Result Summary :

Test Item	Result (ppm)
	Black Plastic Pellets
Heavy Metal	
Cadmium (Cd) content	ND
Lead (Pb) content	ND
Mercury (Hg) content	ND
Chromium VI (Cr^{6+}) content	ND
Polybrominated Biphenyls (PBBs)	
Monobrominated Biphenyls (MonoBB)	ND
Dibrominated Biphenyls (DiBB)	ND
Tribrominated Biphenyls (TriBB)	ND
Tetrabrominated Biphenyls (TetraBB)	ND
Pentabrominated Biphenyls (PentaBB)	ND
Hexabrominated Biphenyls (HexaBB)	ND
Heptabrominated Biphenyls (HeptaBB)	ND
Octabrominated Biphenyls (OctaBB)	ND
Nonabrominated Biphenyls (NonaBB)	ND
Decabrominated Biphenyl (DecaBB)	ND
Polybrominated Diphenyl Ethers (PBDEs)	
Monobrominated Diphenyl Ethers (MonoBDE)	ND
Dibrominated Diphenyl Ethers (DiBDE)	ND
Tribrominated Diphenyl Ethers (TriBDE)	ND
Tetrabrominated Diphenyl Ethers (TetraBDE)	ND
Pentabrominated Diphenyl Ethers (PentaBDE)	ND
Hexabrominated Diphenyl Ethers (HexaBDE)	ND
Heptabrominated Diphenyl Ethers (HeptaBDE)	ND
Octabrominated Diphenyl Ethers (OctaBDE)	ND
Nonabrominated Diphenyl Ethers (NonaBDE)	ND
Decabrominated Diphenyl Ether (DecaBDE)	ND
Halogen Content	
Fluorine (F)	ND
Chlorine (Cl)	678
Bromine (Br)	41156
Iodine (I)	ND
Phthalates	
Di(2-ethylhexyl) Phthalate (DEHP)	ND
Dibutyl Phthalate (DBP)	ND
Benzyl Butyl Phthalate (BBP)	ND

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8F., No. 423, Ruiguang Rd., Neihu District, Taipei 114, Taiwan, R.O.C.
全國公證檢驗股份有限公司
114 台北市內湖區瑞光路 423 號 8 樓
Tel: (+886-2) 6602-2888 · 2797-8885 Fax: (+886-2) 6602-2410

Number : TWNC00268060

Test Conducted

(Ⅰ) Test Result Summary :

Test Item	Result (ppm)
	Black Plastic Pellets
Others	
Hexabromocyclododecane (HBCDD)	ND

Remarks: ppm = Parts per million based on weight of tested sample = mg/kg
ND = Not detected

Responsibility of Chemist : Irene Chiou / Kevin Liu / Cathy Chen

Date Sample Received : Jul 20, 2012
Test Period : Jul 21, 2012 To Jul 27, 2012

(Ⅱ) RoHS Limits:

Restricted Substances	Limits
Cadmium (Cd) Content	0.01% (100ppm)
Lead (Pb) Content	0.1% (1000ppm)
Mercury (Hg) Content	0.1% (1000ppm)
Chromium VI (Cr^{6+}) Content	0.1% (1000ppm)
Polybrominated Biphenyls (PBBs)	0.1% (1000ppm)
Polybrominated Diphenyl Ehters (PBDEs)	0.1% (1000ppm)

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

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全國公證檢驗股份有限公司
114 台北市內湖區瑞光路 423 號 8 樓
Tel: (+886-2) 6602-2888 · 2797-8885 Fax: (+886-2) 6602-2410

Test Conducted

(Ⅲ) Test Method:

Test Item	Test Method	Reporting Limit
Cadmium (Cd) content	With reference to IEC 62321 edition 1.0:2008 in clause 8/9/10, by microwave digestion until the tested samples are totally dissolved and determined by ICP-OES.	2 ppm
Lead (Pb) content	With reference to IEC 62321 edition 1.0:2008 in clause 8/9/10, by microwave digestion until the tested samples are totally dissolved and determined by ICP-OES.	2 ppm
Mercury (Hg) content	With reference to IEC 62321 edition 1.0:2008 in clause 7, by microwave digestion until the tested samples are totally dissolved and determined by ICP-OES.	2 ppm
Chromium VI (Cr^{6+}) content	With reference to IEC 62321 edition 1.0:2008 in annex C, by alkaline digestion and determined by UV-Vis spectrophotometer.	1 ppm
Polybrominated Biphenyls (PBBs)	With reference to IEC 62321 edition 1.0:2008 in annex A, by solvent extraction and determined by GC-MS and further HPLC-DAD confirmation when necessary.	5 ppm
Polybrominated Diphenyl Ethers (PBDEs)	With reference to IEC 62321 edition 1.0:2008 in annex A, by solvent extraction and determined by GC-MS and further HPLC-DAD confirmation when necessary.	5 ppm
Halogen Content	With reference to EN 14582:2007 by calorimetric bomb with oxygen and determined by Ion Chromatograph.	50 ppm
Phthalates	With reference to EN 14372: 2004, by solvent extraction and determined by GC-MS.	50 ppm
Hexabromocyclododecane (HBCDD)	With reference to USEPA 3540C, by solvent extraction and determined by GC-MSD.	10 ppm

Remark: Reporting limit = Quantitation limit of analyte in sample

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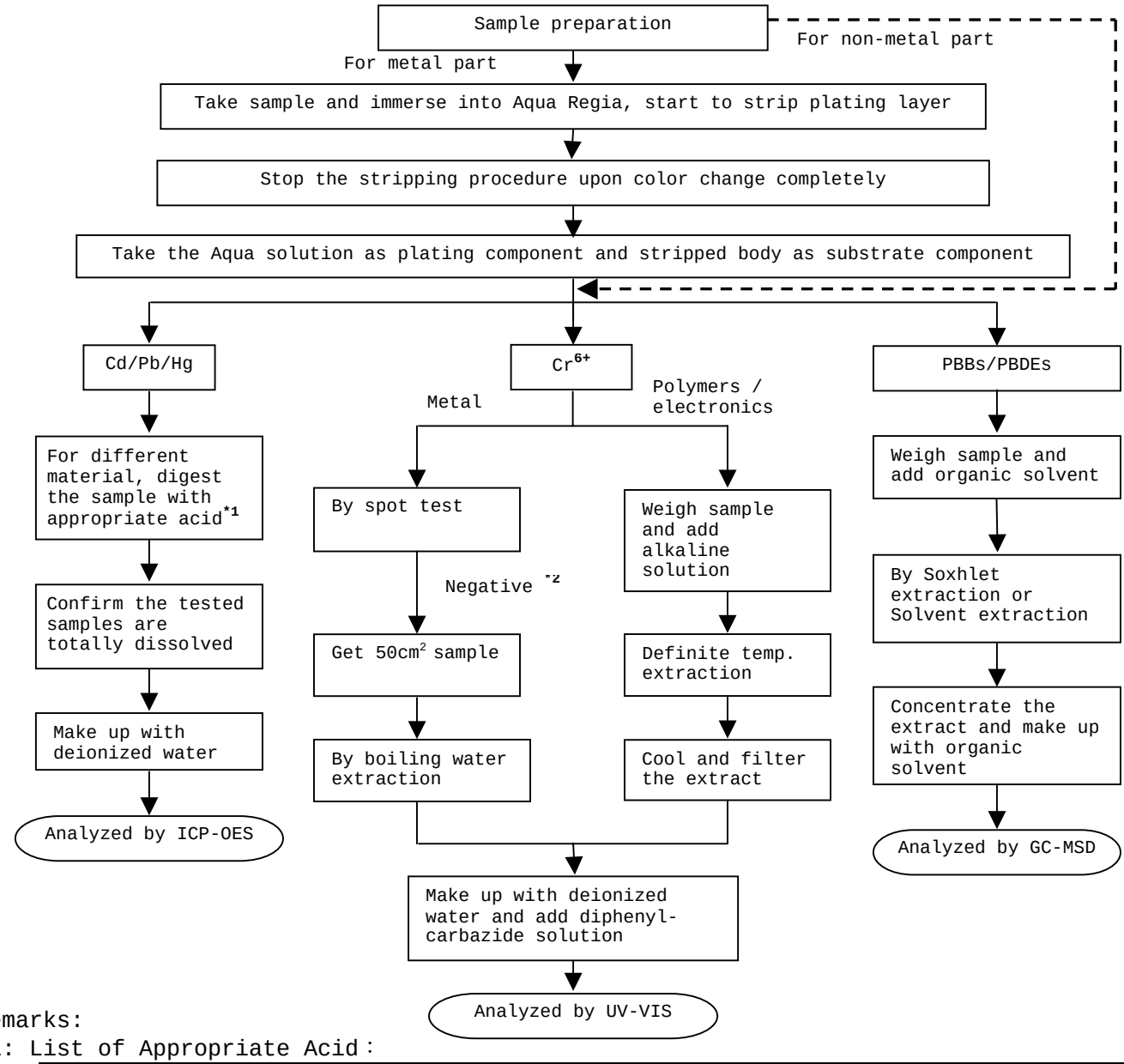
Test Conducted

(Ⅳ) Measurement Flowchart:

Test for Cd/Pb/Hg/Chromium (VI)/PBBS/PBDES Contents

Reference Standard: IEC 62321 edition 1.0:2008



Remarks:

*1: List of Appropriate Acid：

Material	Acid Added for Digestion
Polymers	HNO_3, HCl, HF, H_2O_2, H_3BO_3
Metals	HNO_3, HCl, HF
Electronics	HNO_3, HCl, H_2O_2, HBF_4

*2: If the result of spot test is positive, Chromium VI would be determined as detected.

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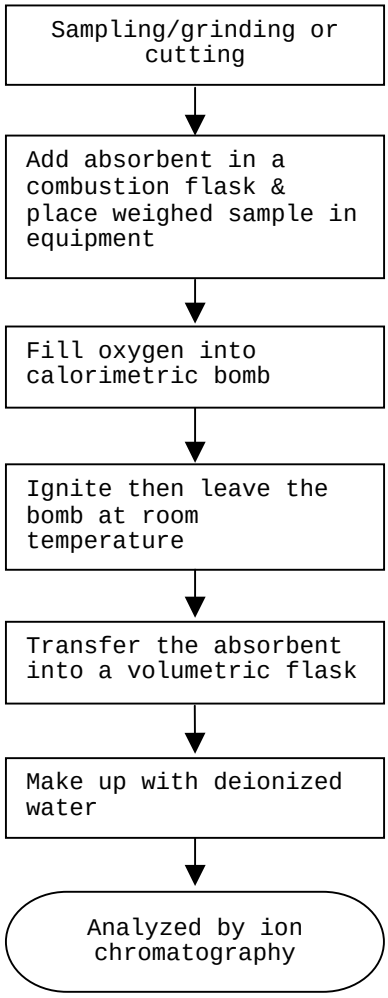
8F., No. 423, Ruiguang Rd., Neihu District, Taipei 114, Taiwan, R.O.C.
全國公證檢驗股份有限公司
114 台北市內湖區瑞光路 423 號 8 樓
Tel: (+886-2) 6602-2888 · 2797-8885 Fax: (+886-2) 6602-2410

Test Conducted

(Ⅳ) Measurement Flowchart:

Test for Halogen Content

Reference Standard：EN 14582



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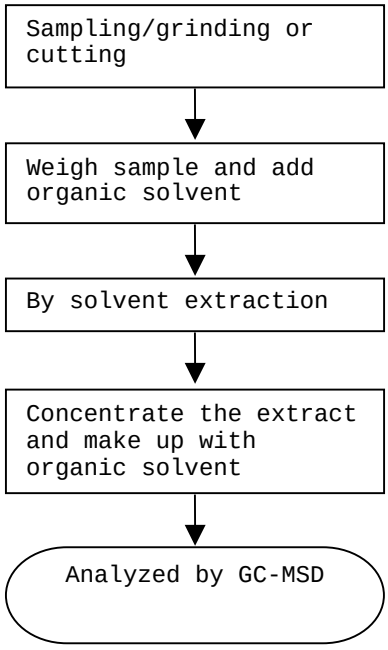
全國公證檢驗股份有限公司
114 台北市內湖區瑞光路 423 號 8 樓
Tel: (+886-2) 6602-2888 · 2797-8885 Fax: (+886-2) 6602-2410

Test Conducted

(Ⅳ) Measurement Flowchart:

Test For Phthalates Contents
Reference Method: EN 14372: 2004



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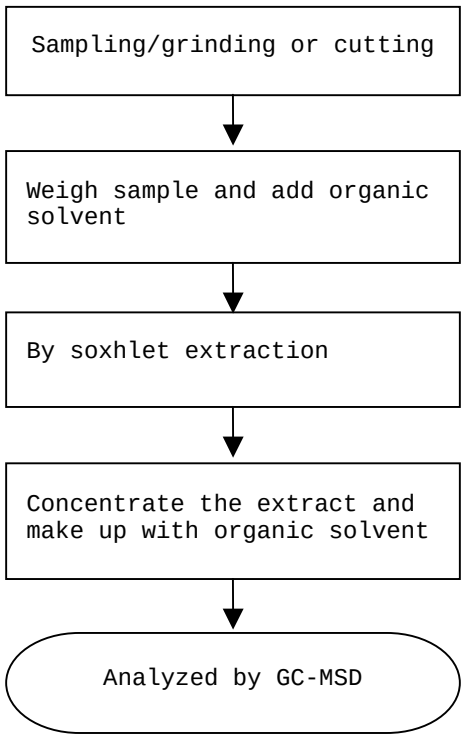
8F., No. 423, Ruiguang Rd., Neihu District, Taipei 114, Taiwan, R.O.C.
全國公證檢驗股份有限公司
114 台北市內湖區瑞光路 423 號 8 樓
Tel: (+886-2) 6602-2888 · 2797-8885 Fax: (+886-2) 6602-2410

Test Conducted

(Ⅳ) Measurement Flowchart:

Test For Hexabromocyclododecane (HBCDD)

Reference Standard：USEPA 3540C



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全國公證檢驗股份有限公司

114 台北市內湖區瑞光路 423 號 8 樓

Tel: (+886-2) 6602-2888 · 2797-8885 Fax: (+886-2) 6602-2410

Number : TWNC00268060

Test Conducted

Photo





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8F., No. 423, Ruiguang Rd., Neihu District, Taipei 114, Taiwan, R.O.C.
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114 台北市內湖區瑞光路 423 號 8 樓
Tel: (+886-2) 6602-2888 · 2797-8885 Fax: (+886-2) 6602-2410

CTI 华测检测
CENTRE TESTING INTERNATIONAL

检测报告

报告编号 RLSDE000130360001C

申请单位 佛山市美嘉油墨涂料有限公司

地　　址 广东省佛山市高明区更合镇更合大道

样品信息

样品名称	丝网油墨混合物
样品描述	蓝色液体
样品型号	请参见附页
样品接收日期	2012.03.03
样品检测日期	2012.03.03—2012.03.08

检测要求 根据客户要求，对所提交样品中的铅(Pb)，镉(Cd)，汞(Hg)，六价铬(Cr(VI))，多溴联苯(PBBs)，多溴二苯醚(PBDEs)进行测试。

检测依据

测试项目	测试方法	测试仪器	方法检测限
铅(Pb)	IEC 62321:2008 Ed.1 Sec.10	ICP-OES	2 mg/kg
镉(Cd)	IEC 62321:2008 Ed.1 Sec.10	ICP-OES	2 mg/kg
汞(Hg)	IEC 62321:2008 Ed.1 Sec.7	ICP-OES	2 mg/kg
六价铬(Cr(VI))	IEC 62321:2008 Ed.1 Annex C	UV-Vis	2 mg/kg
多溴联苯(PBBs)	IEC 62321:2008 Ed.1 Annex A	GC-MS	5 mg/kg
多溴二苯醚(PBDEs)	IEC 62321:2008 Ed.1 Annex A	GC-MS	5 mg/kg

检测结果 请参见下页。

主　检：Fengquan　　审　核：WangWenjun

签　发：Wangjinghong　　签发日期：2012.03.08

技术经理

SD03 报告专用章

No. 11441270

检测报告

报告编号 RLSDE000130360001C

检测结果

测试项目	含量
铅(Pb)	N. D.
镉(Cd)	N. D.
汞(Hg)	N. D.
六价铬(Cr(VI))	N. D.

测试项目	含量
多溴联苯(PBBs)	
一溴联苯	N. D.
二溴联苯	N. D.
三溴联苯	N. D.
四溴联苯	N. D.
五溴联苯	N. D.
六溴联苯	N. D.
七溴联苯	N. D.
八溴联苯	N. D.
九溴联苯	N. D.
十溴联苯	N. D.

测试项目	含量
多溴二苯醚(PBDEs)	
一溴二苯醚	N. D.
二溴二苯醚	N. D.
三溴二苯醚	N. D.
四溴二苯醚	N. D.
五溴二苯醚	N. D.
六溴二苯醚	N. D.
七溴二苯醚	N. D.
八溴二苯醚	N. D.
九溴二苯醚	N. D.
十溴二苯醚	N. D.

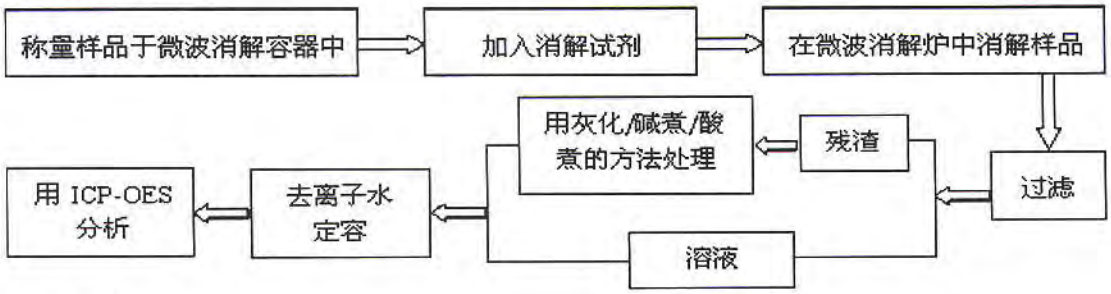
注释: -N.D. = 未检出（小于方法检测限）
-mg/kg = ppm = 百万分之几

备注: **报告编号中“C”表示此报告为中文版本。**

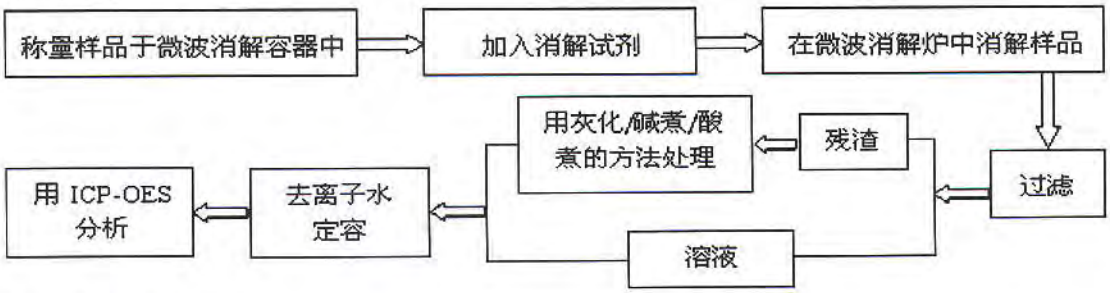
检测报告

检测流程

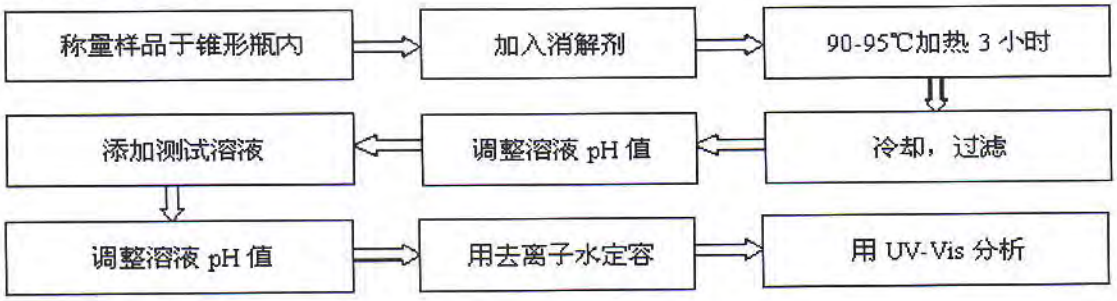
1. 铅(Pb)，镉(Cd)



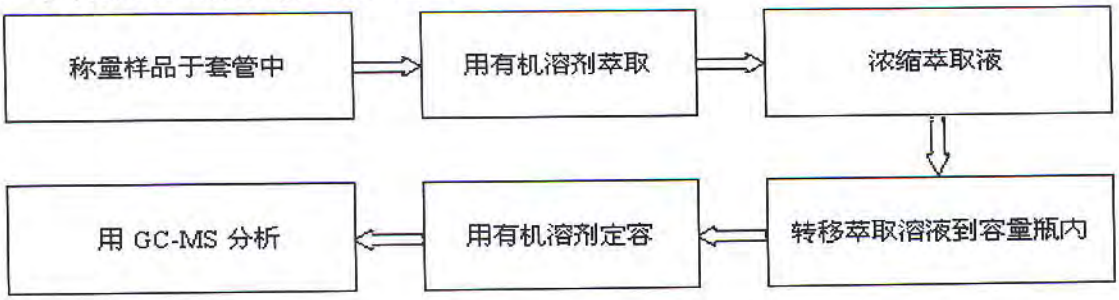
2. 汞(Hg)



3. 六价铬(Cr(VI))

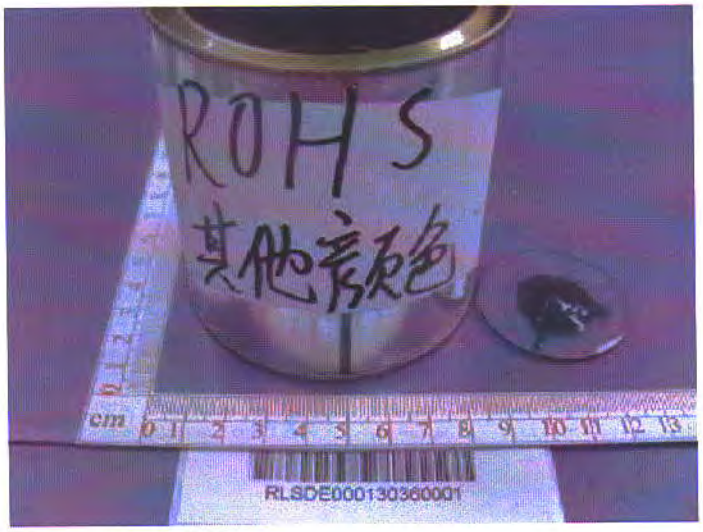


4. 多溴联苯(PBBs)，多溴二苯醚(PBDEs)



检测报告

样品图片



检测报告

附页：

ROHS：其他颜色：

10 系列：W100; W100-3; R100; M100; Q100; V100; E100; B100; G100; K100; K100-3; 186；T2257; T2255; T2256; T2306; T 6742; T 7148; T 7147; T 7149; T 7317;K100-B; S906; T2141; T5102; T8091;195;F850;M902;M903;M905;F820;F840;F860;F870;K300;

11 系列：W100; W100-3; R100; M100; Q100; V100; E100; B100; G100; K100; K100-3; 195;T2369;K100-B;T6863

12 系列：W100; W100-3; R100; M100; Q100; V100; E100; B100; G100; K100; K100-3; 195;*12-W100； T4507; T5110; T5726; T5727; T5728; T5729; T5730; T5731; T5733; T6604;T7309;T9655;K111; T0474;T4506;T5732;T5814;T7134;T7135;W100-A;T2824;T10290;

14 系列：W100; W100-3; R100; M100; Q100; V100; E100; B100; G100; K100; K100-3; 195;

21 系列：W100; W100-3; R100; M100; Q100; V100; E100; B100; G100; K100; K100-3; 195;

22 系列：W100; W100-3; R100; M100; Q100; V100; E100; B100; G100; K100; K100-3; 195;C191

25 系列：W100; W100-3; R100; R100/5; M100; Q100; V100; E100; B100; G100; K100; K100-3; 195; 195-A/5;895-A/ 胶 罐 ;K100-A/5;T 5682; K500; T9135/5; T9137/5; T9503/5; T9537B; W100-A/5;*25-195/胶罐;K100-A; Q100/5;W300-A;W300-A/5;T10558;

26 系列：W100; W100-3; R100; M100; Q100; V100; E100; B100; G100; K100; K100-3; K100-3/5;195 195/5;M900;W100-3/5;T9135; T9136; T9137;

27 系列：W100; W100-3; R100; M100; Q100; V100; E100; B100; G100; K100; K100-3; 195;

28*（28）系列:W100; W100-B;W100-3; R100; R100-B;M100; Q100; V100; E100; B100; B100-B; G100; G100-B; K100; K100-3; K100-3-B;195;W100-B-3; K100-B-3; T9771; 195-B; 195-B/5;K100-3-B;
W100-3-B;G0590; V100-B;C191/0.1;K100-B;UV000;UV000/5;W100/5;T2831;T9221;

29 系列：W100; W100-3; R100; M100; Q100; V100; E100; B100; G100; K100; K100-3; 195;T2168

31（PCT）(-B)系列:W100; W100-3; R100; M100; Q100; B100; B500;G100; G100-B; V100; V100-B; K100; K500; K555; 195; 777; 895;T8877;T8878; T8879; T8880; T8886; T8390; T8391; T8395; T2369; T9486;T9835;T8797;T8798; T2168（德怡）;T2141（德怡）;M902; M903;S906;

32 系列：W100; W100-3; R100; M100; Q100; V100; E100; B100; G100; K100; K100-3; 195;

38 系列：W100; W100-3; R100; M100; Q100; V100; E100; B100; G100; K100; K100-3; 195;

43 系列：W100; W100-3; R100; M100; Q100; V100; E100; B100; G100; K100; K100-3; 195; T2791;T2985; T5885;T6124;T7380;B200;C191;K200;M200;Y200;

46 系列：W100; W100-3; R100; M100; Q100; V100; E100; B100; G100; K100; K100-3; 195; T7943; T7944;

47 系列：W100; W100-3; R100; M100; Q100; V100; E100; B100; G100; K100; K100-3; 195;

48 系列：W100; W100-3; R100; M100; Q100; V100; E100; B100; G100; K100; K100-3; 195;C191;

49 系列：W100; W100-3; R100; M100; Q100; V100; E100; B100; G100; K100; K100-3; 195; 195/5;C191; T8872;T9220;895;C191/0.25;P2134-1;P2174;P2291;P2292;P2331;P2332;P2363 P2371;P2372;P2373;P2374;P237;P2376;P2381;P2382;P2383;P2377;P2400;P2401;P2402; P2404;P2413;P2341;T9089;T9086;T9087;T9088;G0580;G950;T9418;T9418/5;T10081; 10142; T9826;

51 系列：W100; W100-3; R100; M100; Q100; V100; E100; B100; G100; K100; K100-3; 195;

54 系列：W100; W100-3; R100; M100; Q100; V100; E100; B100; G100; K100; K100-3; 195;C191;

56 系列：W100; W100-3; R100; M100; Q100; V100; E100; B100; G100; K100; K100-3; 195; *56-T10087;

57 系列：W100; W100-3; R100; M100; Q100; V100; E100; B100; G100; K100; K100-3; 195;

59 系列：W100; W100-3; R100; M100; Q100; V100; E100; B100; G100; K100; K100-3; 195;

66 系列：W100; W100-3; R100; M100; Q100; V100; E100; B100; G100; K100; K100-3; 195;

检测报告

附页：

ROHS：其他颜色：

8116 系列：P35; P42; P50; P52; P53; P57; P59; P63; P75; P83; P83-3; P195; P198;T3189;

7118 系列：P35; P42; P50; P52; P53; P57; P59; P63; P75; P83; P83-3; P195; P198;

80 系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3; 1095; 1098;

70 系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3; 1095; 1098;

SS10 系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3; 1095; 1098;

SS20 系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075;1083; 1083-3; 1075-3; 1095; 1098;

SS70 系列：141;112;057;003;791;385;037;391;083;113;911;611;810;

SS80 系列：141;112;057;003;791;385;037;391;083;113;911;611;810;

EG 系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3; 1095;

EM 系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3; 1095;

EA 系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3; 1095;

EB 系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3; 1095;

NY 系列：1035;1042;1046;1048;1050;1052;1053;1057;1059;1063;1075;1083;1083-3; 1083-3/20; 1075-3; 1095;1091;1035-6;1048-6;1053-6;1075-6;1083-6; 1083-6/20;8004; 8006;

NYG 系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3; 1095;

PS 系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3; 1095;

PSG 系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3; 1095;

PE 系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3; 1095;

PEG 系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3; 1095;1091

PP 系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3; 1095;

PPG 系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3; 1095;

PPE 系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3; 1095;

PET*系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3; 1095;

PCT(-B)系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3;1095; 295;

MT 系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3; 1095;1091

MTS 系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3; 1095;

检测报告

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ROHS：其他颜色：

GS 系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3; 1095; GS-000;

GV 系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3; 1095;1091

ACT 贴花系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3; 1095; ACT-700; ACT-777;008;R530;G320;B460;

VK7 贴花系列：1035; 1042; 1046; 1048; 1050; 1052; 1053; 1057; 1059; 1063; 1075; 1083; 1083-3; 1075-3; 1095;

SG 贴花：W100-3;K100;R100;M100;V100;B100;G100;E100;S125;B460;G320;P208;Q580;R530;

UV 油墨：R800; Q800; V800; B800; G800; K800; W800; UV-TC;

SSPPNK 系列：611; 003; 057; 112; 113; 037; 391; 385; 791; 083; 911; 611S; SSPPNK-00; PY2033; T5250;

SS16 系列：611; 003; 057; 112; 113; 037; 391; 385; 791; 083; 911; SS16-000;

911 系列：B100; W100; K100; V100; E100; G100; R100; Q100; M100; W100(恒晖); K100(恒晖); 快干 2000#(恒晖); V100(恒晖); -B100(恒晖); R100(恒晖); E100(恒晖); G100(恒晖);

其他：T4573;99-956B; 395; 300Y; 300B; 300R; 300K; 300P; 300M; M901; M902; M903; M905; M906; T710;T720; T730; T740; T750; T760; T770; T780; F840; F850; F860; F870; F880; SS777; TUVC; A4163; G0600;S906-S;T7319;P2425;T7812;T7813;T9939;

助剂及溶剂： STUR-100B;STUR-100B/0.1;PPS-01;PPS-01/0.5;S907;S909;2000#;2000#/3;2200#; 2200#/3；2600#;3000#;3000#/15;3000#(万家乐);5000#/3;840#;721#; 7000#; 7200#; 7600# 5000#; 5500#; 8000#;888#;777#;783#;GP1006;GP-1006/1;GP1007;GP1008;783#;S407#; S408#;719#;718#;718#/15;S408#;S482#;842#;3000#;861#;861#/3;862#;UR-100B; GRU-200B; 844#/3;862#/3。

报告结束

本报告无CTI盖章无效。本报告不得修改、增加或删除。此结果只对本次受测样品的结果负责。未经CTI书面同意，不得部分复制本报告，亦不可作为宣传品使用。

CTI 华测检测
CENTRE TESTING INTERNATIONAL

Test Report

Report No. RLNBD000044550001

Applicant WENZHOU JANDA ELECTRONIC CO.,LTD
Address NO2,WANGLIN INDUSTRY ZONE,BEIBAIXIANG TOWN,YUEQING CITY. ZHEJIANG PROVINCE,CHINA.325603

Report on the submitted sample(s) said to be

Sample Name	Ink
Sample Description	
Part No.	
Color	white
Sample Received Date	Aug. 22, 2011
Testing Period	Aug. 22, 2011 to Aug. 25, 2011

Test Requested As specified by client, to determine the Fluorine(F), Chlorine(Cl), Bromine(Br), Iodine(I) content in the submitted sample.

Test Method

Test Item(s)	Test Method	Measured Equipment(s)	MDL
Fluorine(F)	Refer to BS EN 14582:2007	IC	10 mg/kg
Chlorine(Cl)	Refer to BS EN 14582:2007	IC	10 mg/kg
Bromine(Br)	Refer to BS EN 14582:2007	IC	10 mg/kg
Iodine(I)	Refer to BS EN 14582:2007	IC	10 mg/kg

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

Tested by _____ Inspected by _____

Approved by _____ Date Aug. 25, 2011

Technical Manager No. 13431882

Test Report

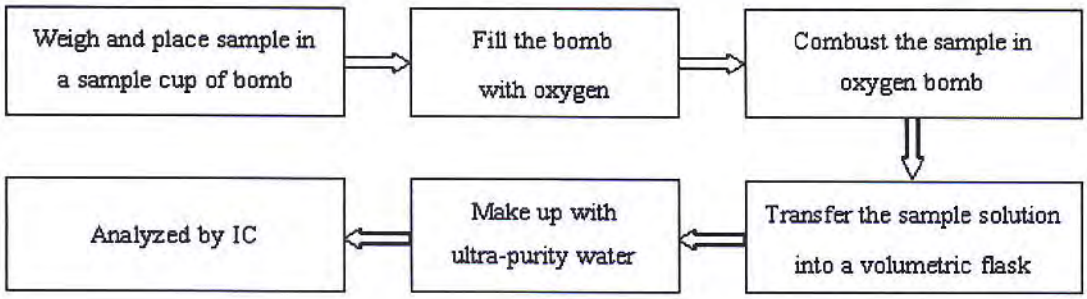
Report No. RLNBD000044550001

Test Result(s)

Tested Item(s)	Content
Halogen(s)	
Fluorine (F)	N.D.
Chlorine(Cl)	204 mg/kg
Bromine(Br)	N.D.
Iodine(I)	N.D.

Note: -MDL = Method Detection Limit
-N.D. = Not Detected (<MDL)
-mg/kg = ppm = parts per million

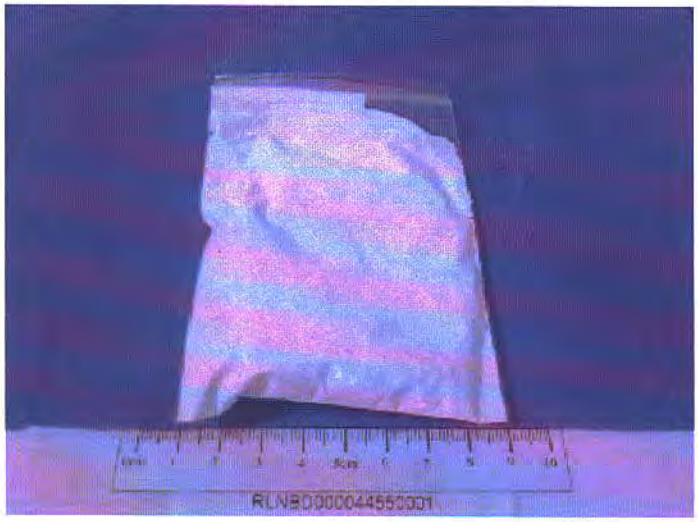
Test Process



Test Report

Report No. RLNBD000044550001

Photo(s) of the sample(s)



*** End of report ***

This report is considered invalidated without the Special Seal for Inspection of the CTI. This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of CTI, this test report shall not be copied except in full and published as advertisement.