检测报告
Test Report

报告编号 SCL01G064297003E
Report No. SCL01G064297003E

申请单位 榮豐電器(深圳)有限公司
Applicant RONG FENG ELECTRICAL(SHEN ZHEN)CO,LTD
地 址 深圳市.坂田第二工業區
Address BAN TIAN 2ND INDUSTRIAL ZONE SHEN ZHEN CITY

以下测试之样品及样品信息由申请者提供并确认
The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

样品名称 Sample Name	NYA216BK NYA216BK
制造商 Manufacturer	SOLVAY SOLVAY
样品接收日期 Sample Received Date	2014.12.20 Dec. 20, 2014
样品检测日期 Testing Period	2014.12.20-2014.12.24 Dec. 20, 2014 to Dec. 24, 2014
检测要求 **Test Requested**	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)，六溴环十二烷(HBCDD)，氟(F)，氯(Cl)，溴(Br)，碘(I)，邻苯二甲酸酯进行测试。 As specified by client, to test Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyl(PBBs) , Polybrominated Diphenyl Ethers(PBDEs), Hexabromocyclododecane (HBCDD), Fluorine(F), Chlorine(Cl), Bromine(Br), Iodine(I), Phthalates in the submitted sample(s).
检测依据/检测结果 **Test Method/Test Result(s)**	请参见下页。 Please refer to the following page(s).

主 检
Tested by Che

审 核
Reviewed by Danna

批 准
Approved by Danny Liu
Technical Manager

日 期
Date 2014.12.24

No. R169565457

深圳市华测检测技术股份有限公司
Centre Testing International (Shenzhen) Co., Ltd.
广东省深圳市宝安区70区鸿威工业园
Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China

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检测依据 Test Method

测试项目 Test Item(s)	测试方法 Test Method	测试仪器 Measured Equipment(s)
铅(Pb) Lead (Pb)	IEC 62321-5:2013 Ed.1.0	ICP-OES
镉(Cd) Cadmium (Cd)	IEC 62321-5:2013 Ed.1.0	ICP-OES
汞(Hg) Mercury (Hg)	IEC 62321-4:2013 Ed.1.0	ICP-OES
六价铬(Cr(VI)) Hexavalent Chromium(Cr(VI))	IEC 62321:2008 Ed.1 Annex C	UV-Vis
多溴联苯(PBBs) Polybrominated Biphenyl(PBBs)	IEC 62321:2008 Ed.1 Annex A	GC-MS
多溴二苯醚(PBDEs) Polybrominated Diphenyl Ethers(PBDEs)	IEC 62321:2008 Ed.1 Annex A	GC-MS
氟(F) Fluorine(F)	参考 BS EN 14582:2007 Refer to BS EN 14582:2007	IC
氯(Cl) Chlorine(Cl)	参考 BS EN 14582:2007 Refer to BS EN 14582:2007	IC
溴(Br) Bromine(Br)	参考 BS EN 14582:2007 Refer to BS EN 14582:2007	IC
碘(I) Iodine(I)	参考 BS EN 14582:2007 Refer to BS EN 14582:2007	IC
六溴环十二烷(HBCDD) Hexabromocyclododecane (HBCDD)	参考US EPA 3540C:1996 & US EPA 8270D:2007 Refer to US EPA 3540C:1996 & US EPA 8270D:2007	GC-MS
邻苯二甲酸酯 Phthalates	参考EN 14372:2004(E) Refer to EN 14372:2004(E)	GC-MS

检测结果 Test Result(s)

测试项目 Test Item(s)	结果 Result	方法检测限 MDL
铅(Pb) Lead (Pb)	N.D.	2 mg/kg
镉(Cd) Cadmium (Cd)	N.D.	2 mg/kg
汞(Hg) Mercury (Hg)	N.D.	2 mg/kg
六价铬(Cr(VI)) Hexavalent Chromium (Cr(VI))	N.D.	2 mg/kg

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测试项目 Test Item(s)	结果 Result	方法检测限 MDL
多溴联苯(PBBs) Polybrominated Biphenyl(PBBs)		
一溴联苯 Monobromobiphenyl	N.D.	5 mg/kg
二溴联苯 Dibromobiphenyl	N.D.	5 mg/kg
三溴联苯 Tribromobiphenyl	N.D.	5 mg/kg
四溴联苯 Tetrabromobiphenyl	N.D.	5 mg/kg
五溴联苯 Pentabromobiphenyl	N.D.	5 mg/kg
六溴联苯 Hexabromobiphenyl	N.D.	5 mg/kg
七溴联苯 Heptabromobiphenyl	N.D.	5 mg/kg
八溴联苯 Octabromobiphenyl	N.D.	5 mg/kg
九溴联苯 Nonabromobiphenyl	N.D.	5 mg/kg
十溴联苯 Decabromobiphenyl	N.D.	5 mg/kg

测试项目 Test Item(s)	结果 Result	方法检测限 MDL
多溴二苯醚(PBDEs) Polybrominated Diphenyl Ethers(PBDEs)		
一溴二苯醚 Monobromodiphenyl ether	N.D.	5 mg/kg
二溴二苯醚 Dibromodiphenyl ether	N.D.	5 mg/kg
三溴二苯醚 Tribromodiphenyl ether	N.D.	5 mg/kg
四溴二苯醚 Tetrabromodiphenyl ether	N.D.	5 mg/kg
五溴二苯醚 Pentabromodiphenyl ether	N.D.	5 mg/kg
六溴二苯醚 Hexabromodiphenyl ether	N.D.	5 mg/kg
七溴二苯醚 Heptabromodiphenyl ether	N.D.	5 mg/kg
八溴二苯醚 Octabromodiphenyl ether	N.D.	5 mg/kg
九溴二苯醚 Nonabromodiphenyl ether	N.D.	5 mg/kg
十溴二苯醚 Decabromodiphenyl ether	N.D.	5 mg/kg

测试项目 Test Item(s)	结果 Result	方法检测限 MDL
卤素 Halogen(s)		
氟(F) Fluorine(F)	N.D.	10 mg/kg
氯(Cl) Chlorine(Cl)	180 mg/kg	10 mg/kg
溴(Br) Bromine(Br)	51 mg/kg	10 mg/kg
碘(I) Iodine(I)	N.D.	10 mg/kg

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测试项目 Test Item(s)	结果 Result	方法检测限 MDL
六溴环十二烷(HBCDD) Hexabromocyclododecane (HBCDD)	N.D.	5 mg/kg

测试项目 Tested Item(s)	结果 Result	方法检测限 MDL
邻苯二甲酸酯 Phthalates		
邻苯二甲酸二异丁酯(DIBP) Diisobutyl phthalate(DIBP) CAS#:84-69-5	N.D.	50 mg/kg
邻苯二甲酸二正丁酯(DBP) Dibutyl phthalate(DBP) CAS#:84-74-2	N.D.	50 mg/kg
邻苯二甲酸二戊酯(DPP(别称: DNPP)) Dipentyl phthalate(DPP(Synonym: DNPP)) CAS#:131-18-0	N.D.	50 mg/kg
邻苯二甲酸丁基苄酯(BBP) Butylbenzyl phthalate(BBP) CAS#:85-68-7	N.D.	50 mg/kg
邻苯二甲酸二(2-乙基已基)酯(DEHP) Di-2-ethylhexyl phthalate(DEHP) CAS#:117-81-7	N.D.	50 mg/kg
邻苯二甲酸二正辛酯(DNOP) Di-n-octyl phthalate(DNOP) CAS#:117-84-0	N.D.	50 mg/kg
邻苯二甲酸二异壬酯(DINP) Diisononyl phthalate(DINP) CAS#:28553-12-0,68515-48-0	N.D.	50 mg/kg
邻苯二甲酸二异癸酯(DIDP) Diisodecyl phthalate(DIDP) CAS#:26761-40-0,68515-49-1	N.D.	50 mg/kg

测试样品/部位描述 黑色塑料颗粒
Tested Sample/Part Description Black plastic grains

注释: **对于检测铅，镉，汞之样品已完全溶解。**
-N.D. = 未检出 (小于方法检测限)
-mg/kg= ppm = 百万分之几

Note: **The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.**
-MDL = Method Detection Limit
-N.D. = Not Detected (<MDL)
-mg/kg = ppm = parts per million

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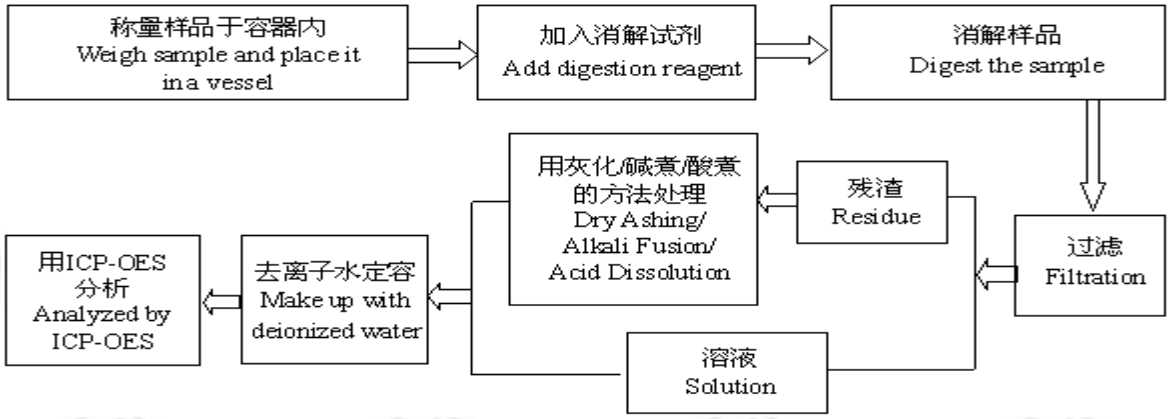
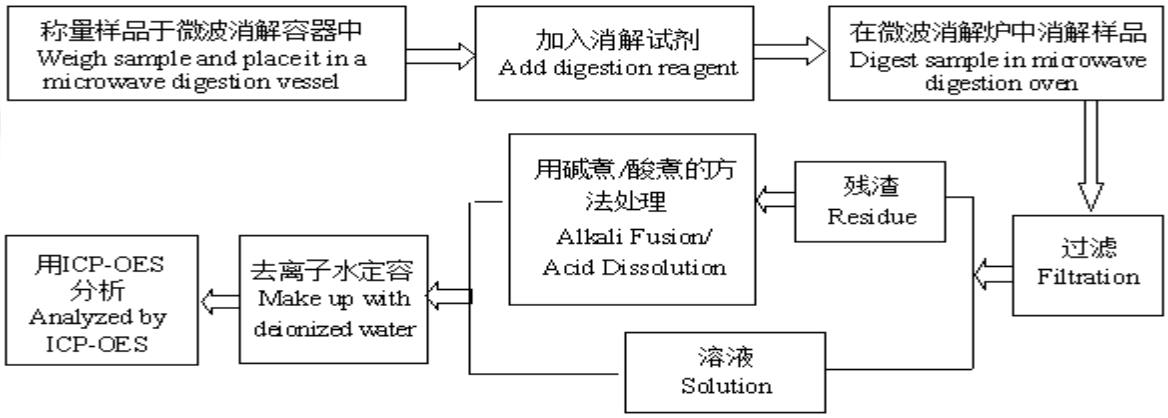
检测流程 **Test Process**

1. 铅(Pb)，镉(Cd)
Lead (Pb), Cadmium (Cd)



2. 汞(Hg)
Mercury (Hg)



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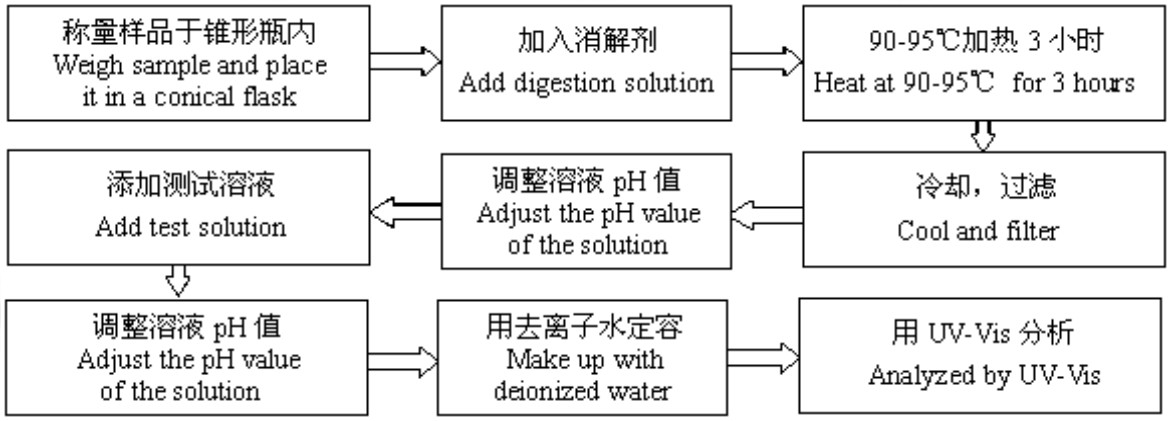
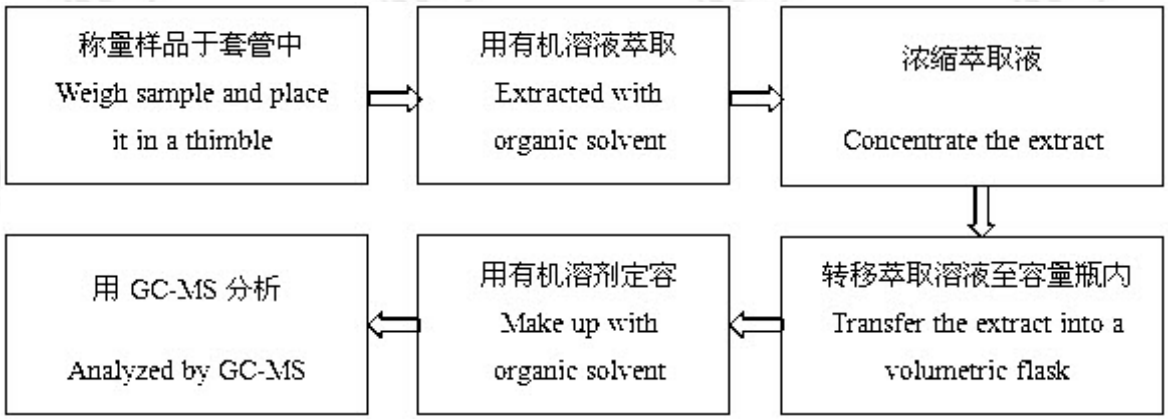
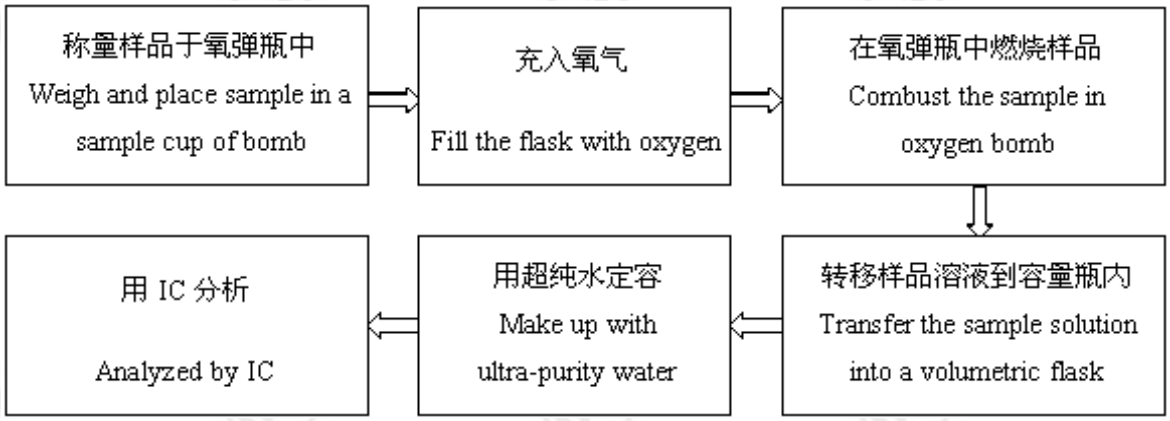
3. 六价铬(Cr(VI))
Hexavalent Chromium(Cr(VI))



4. 邻苯二甲酸酯
Phthalates



5. 溴(Br)，氯(Cl)，氟(F)，碘(I)
Bromine(Br), Chlorine(Cl), Fluorine(F), Iodine(I)



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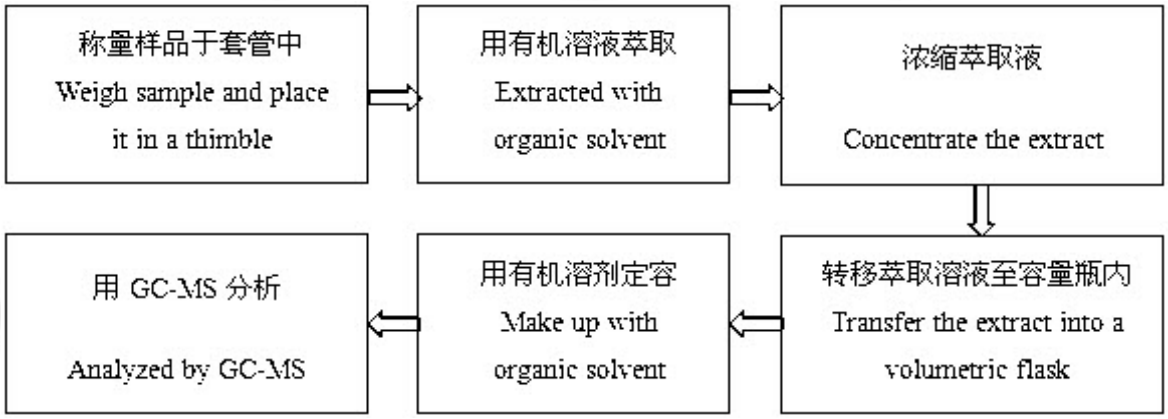
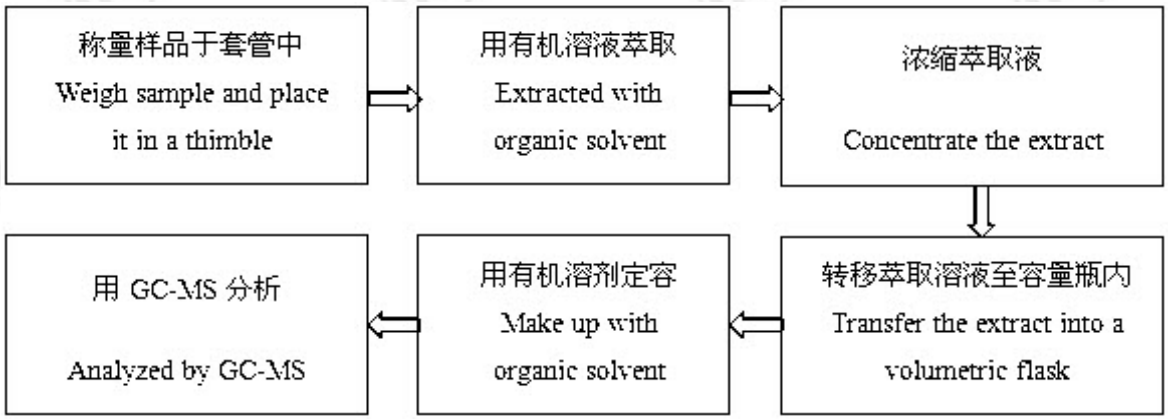
6. 多溴联苯(PBBs)，多溴二苯醚(PBDEs)
Polybrominated Biphenyl(PBBs) , Polybrominated Diphenyl Ethers(PBDEs)



7. 六溴环十二烷(HBCDD)
Hexabromocyclododecane (HBCDD)



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样品图片
Photo(s) of the sample(s)

报告结束
*** End of report ***

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