



# TEST REPORT

NO.: A001C120718051001

Date: Jul 23, 2013

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Applicant: Jiangmen City Pengjiang District Hetang Town Xinyi Organic Silicone Material Factory

客户/申请商: 江门市蓬江区荷塘镇信益有机硅材料厂

Address: Xijiangqiao Industrial area, Hetang Town, Pengjiang District, Jiangmen City

地址: 江门市蓬江区荷塘镇西江桥工业区

Report on the submitted sample said to be

委托测试的样品及申请者对样品的说明如下

Sample name: Silicon rubber

样品名称: 硅橡胶

Model: /

型号: /

Item/Lot No.: /

批号: /

Material: /

材料: /

Buyer: /

客户: /

Supplier: /

供应商: /

Sample received date: Jul 18, 2013

样品接收日期: 2013-07-18

Testing period: From Jul 18, 2013 to Jul 23, 2013

样品测试周期: 2013-07-18 至 2013-07-23

Test Requested 测试要求:

As specified by client, to determine the Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr6+),

Polybrominated Biphenyls(PBBs) & Polybrominated Diphenyl Ethers(PBDEs) content in the submitted sample in accordance with Directive 2011/65/EU (RoHS).

依据客户要求, 遵照欧盟 2011/65/EU(RoHS)指令, 测定委托样品中的铅(Pb)、镉(Cd)、汞(Hg)、六价铬(Cr6+)、多溴联苯(PBBs)和多溴联苯醚(PBDEs)的含量。

Conclusion 结论:

-When tested as specified, the submitted sample complied with the requirements of Directive 2011/65/EU (RoHS).

-依照委托对指定样品进行测试, 测试结果表明指定样品符合欧盟 2011/65/EU(RoHS)指令的要求。

\*\*\*\*\*FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) 更多详细信息请查阅下页\*\*\*\*\*

Signed for and on behalf of 谨代表

Shenzhen AOV Testing Technology Co., Ltd 深圳市安姆特检测技术有限公司

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Technical Director 技术总监

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Test Method:

测试方法:

With reference to IEC 62321:2008 Ed 1.0 Electrotechnical products - Determination of levels of six regulated substances

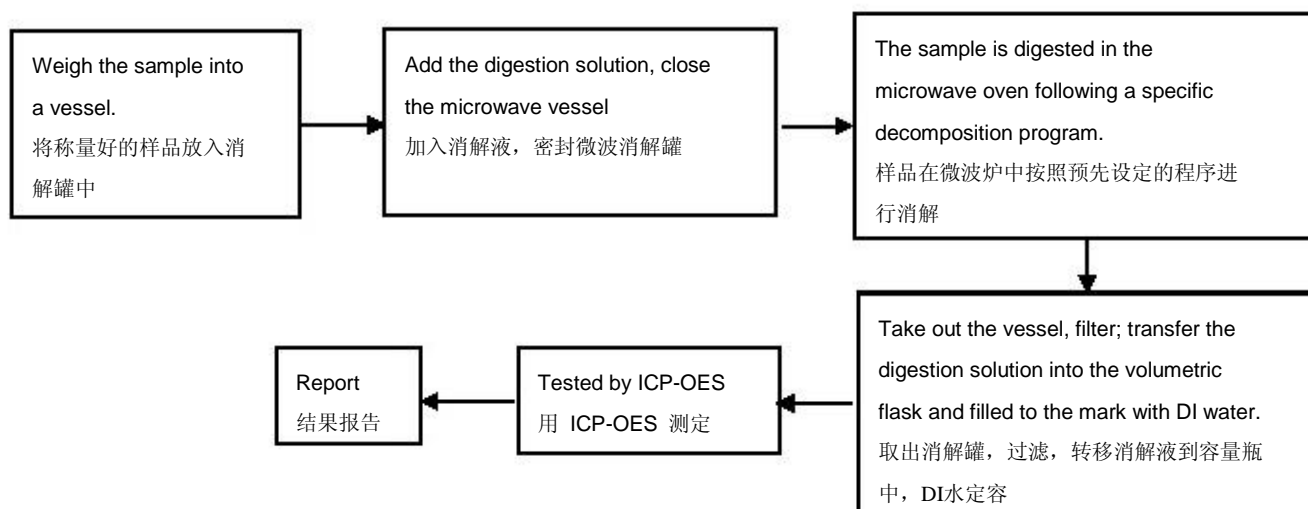
参照 IEC 62321:2008 Ed 1.0 电子电气产品中限用物质含量的测定程序

Test Item 测试项目	Pretreatment Method 前处理方法	Measuring Instrument 测试仪器	MDL
Lead 铅	IEC 62321:2008 Ed 1.0 Section 8 IEC 62321:2008 Ed 1.0, 第 8 部分	ICP-OES	2 mg/kg
Cadmium 镉	IEC 62321:2008 Ed 1.0 Section 8 IEC 62321:2008 Ed 1.0, 第 8 部分	ICP-OES	2 mg/kg
Mercury 汞	IEC 62321:2008 Ed 1.0 Section 7 IEC 62321:2008 Ed 1.0, 第 7 部分	ICP-OES	2 mg/kg
Hexavalent Chromium 六价铬	IEC 62321:2008 Ed 1.0 Annex C IEC 62321:2008 Ed 1.0, 附件 C	UV-VIS	2 mg/kg
Polybrominated Biphenyls/ Polybrominated Diphenyl Ethers 多溴联苯及多溴联苯醚	IEC 62321:2008 Ed 1.0 Annex A IEC 62321:2008 Ed 1.0, 附件 A	GC-MS	5 mg/kg

Test Flow:

测试流程:

1. To Determine Lead, Cadmium Content (测定铅, 镉含量):



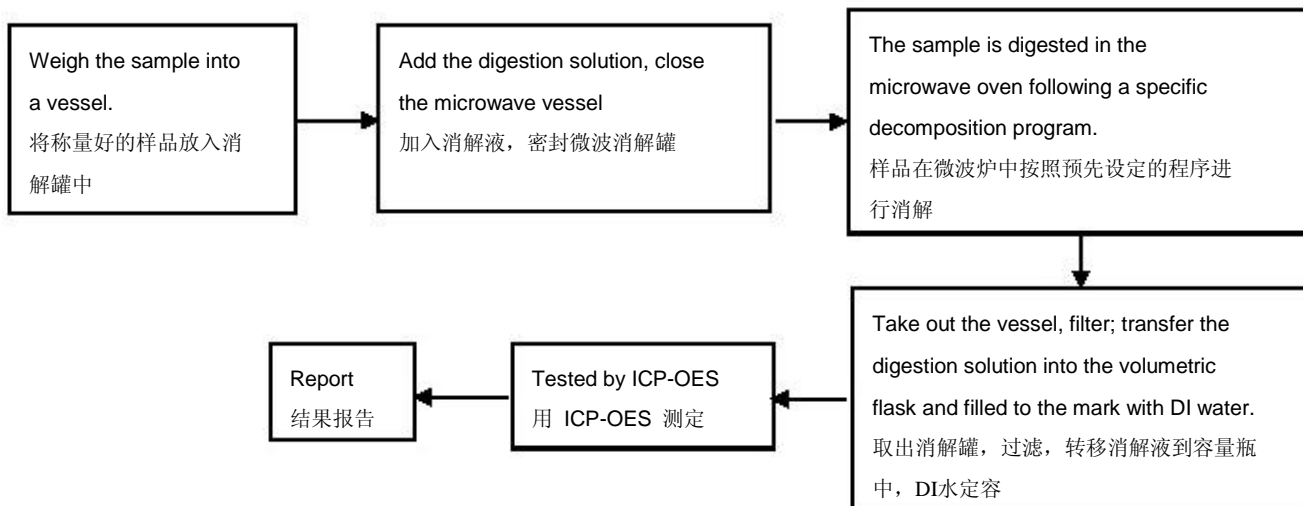
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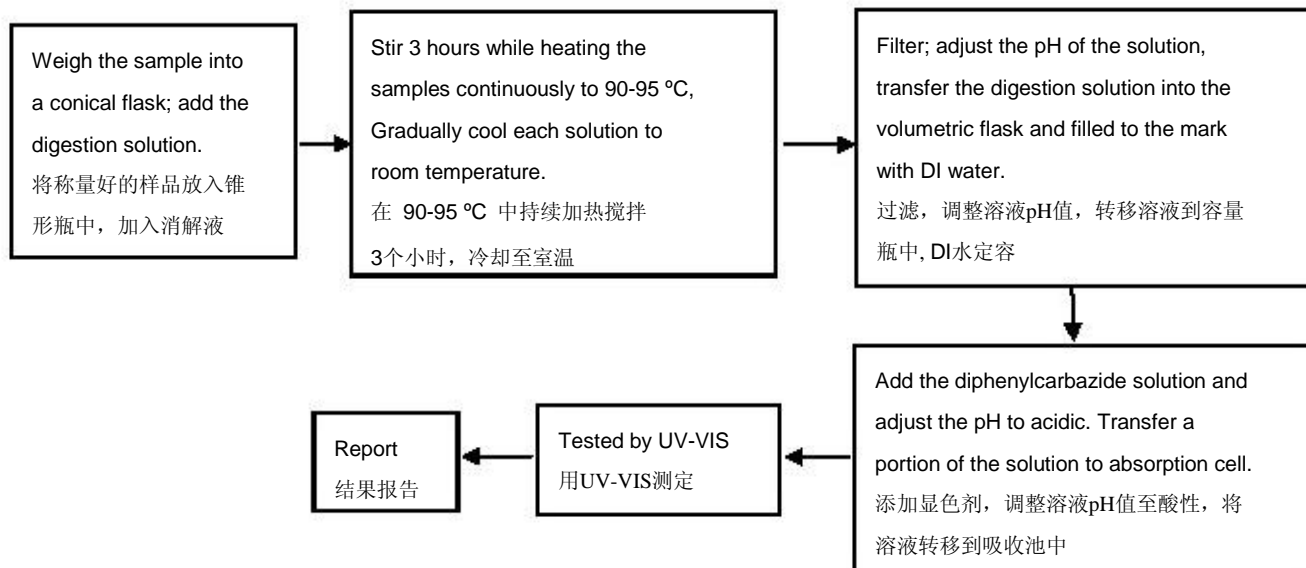
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## 2. To Determine Mercury Content (测定汞含量):



## 3. To Determine Hexavalent Chromium Content (for Polymer) (测定六价铬含量) (聚合物):



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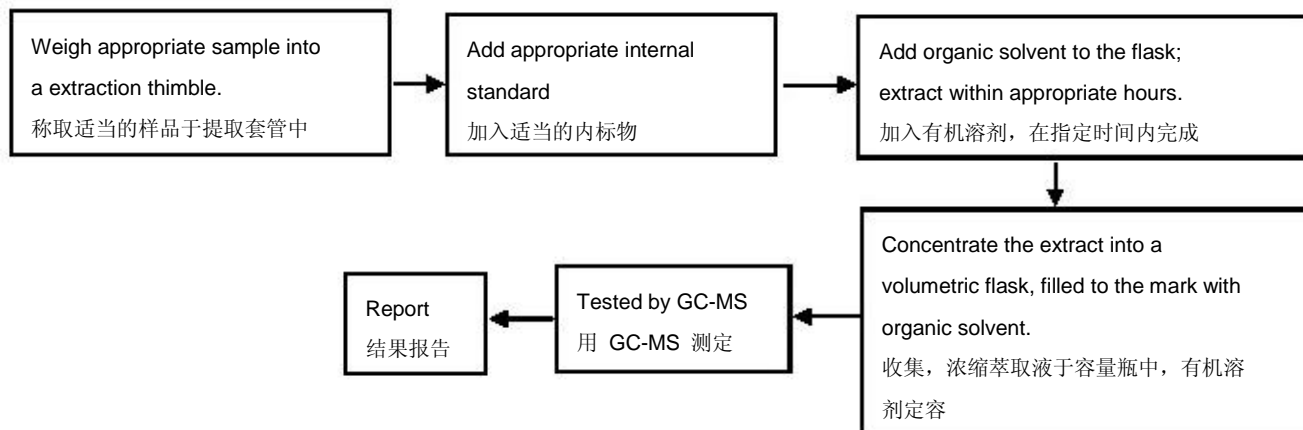
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## 4. To Determine Polybrominated Biphenyls/Polybrominated Diphenyl Ethers Content

(测定测定多溴联苯及多溴联苯醚的含量):



Test Results:

测试结果:

Item 项目	Unit 单位	RoHS Limit RoHS 限值	Result (结果)
			A
Lead 铅	mg/kg	1000	N.D.
Cadmium 镉	mg/kg	100	N.D.
Mercury 汞	mg/kg	1000	N.D.
Hexavalent Chromium 六价铬	mg/kg	1000	N.D.

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Item 项目	Unit 单位	RoHS Limit RoHS 限值	Result (结果) A
多溴联苯 PBBs	mg/kg	1000	N.D.
一溴联苯 MonoBB	mg/kg	/	N.D.
二溴联苯 DiBB	mg/kg	/	N.D.
三溴联苯 TriBB	mg/kg	/	N.D.
四溴联苯 TetraBB	mg/kg	/	N.D.
五溴联苯 PentaBB	mg/kg	/	N.D.
六溴联苯 HexaBB	mg/kg	/	N.D.
七溴联苯 HeptaBB	mg/kg	/	N.D.
八溴联苯 OctaBB	mg/kg	/	N.D.
九溴联苯 NonaBB	mg/kg	/	N.D.
十溴联苯 DecaBB	mg/kg	/	N.D.
多溴联苯醚 PBDEs	mg/kg	1000	N.D.
一溴联苯醚 MonoBDE	mg/kg	/	N.D.
二溴联苯醚 DiBDE	mg/kg	/	N.D.
三溴联苯醚 TriBDE	mg/kg	/	N.D.
四溴联苯醚 TetraBDE	mg/kg	/	N.D.
五溴联苯醚 PentaBDE	mg/kg	/	N.D.
六溴联苯醚 HexaBDE	mg/kg	/	N.D.
七溴联苯醚 HeptaBDE	mg/kg	/	N.D.
八溴联苯醚 OctaBDE	mg/kg	/	N.D.
九溴联苯醚 NonaBDE	mg/kg	/	N.D.
十溴联苯醚 DecaBDE	mg/kg	/	N.D.

Specimen Description:

样品描述:

A: Silicon rubber

硅橡胶

Note:

备注:

- Specimens, which requested to determine Cadmium, Mercury and Lead Content, have been dissolved completely.
- 对于测试铅、镉、汞的样品已完全溶解
- mg/kg=ppm
- N.D.=not detected(<MDL)
- N.D.= 未检出(<MDL)
- MDL=Method Detection Limit
- MDL=方法检测限

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-“Homogeneous material” means one material of uniform composition throughout or a material, consisting of a combination of materials, that cannot be disjointed or separated into different materials by mechanical actions such as unscrewing, cutting, crushing, grinding and abrasive processes.

- 均质材料：具有一致组成的材料，或者多种材料组成的不能通过旋开、切割、破碎、研磨、摩擦等机械手段拆分成不同材料

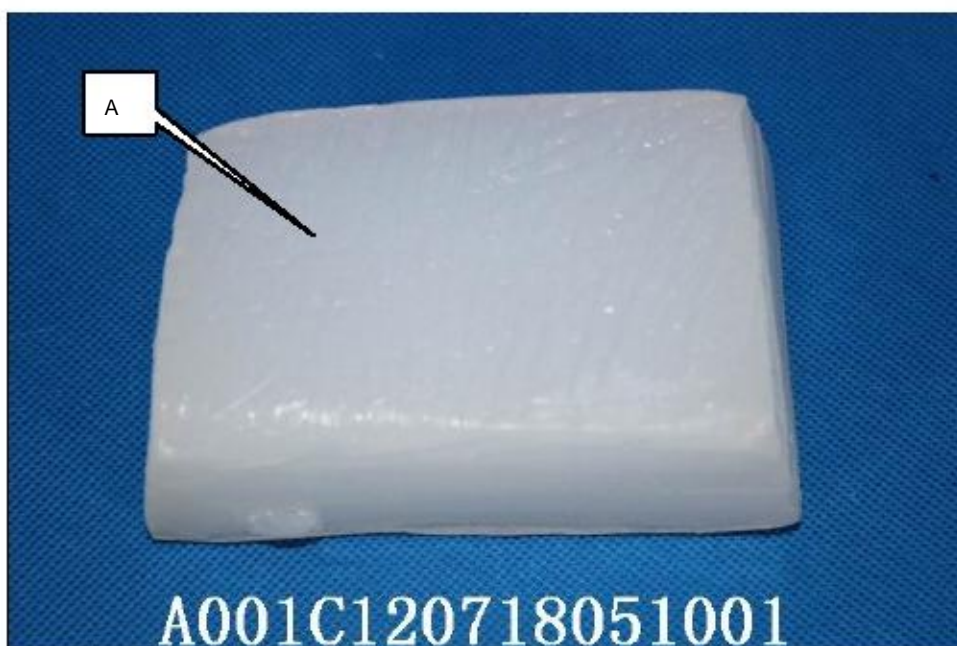
的材料。

- Photo is included

- 附照片

Photograph of Sample

样品照片



Silicon rubber

硅橡胶

\*\*\*End of Report\*\*\*

\*\*\*报告结束\*\*\*