

RoHS 测试报告

RoHS Test Report

报告编号 : AGC15466230201-001
Report No.

样品名称 : PV Module
SAMPLE NAME

样品型号 : AIKO-A440-MAH54Mb
MODEL NAME

委托单位 : 深圳爱旭数字能源技术有限公司
APPLICANT : Shenzhen Aiko Digital Energy Technology Co., Ltd.

检测标准 : 请参见后续页(Please refer to the following page(s)).
STANDARD(S)

签发日期 : 2023/03/14
DATE OF ISSUE

深圳市鑫宇环标准技术有限公司

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委托单位(Applicant) : 深圳爱旭数字能源技术有限公司
Shenzhen Aiko Digital Energy Technology Co., Ltd.
单位地址(Address) : 深圳市福田区福保街道福保社区桃花路 6 号, 腾飞工业大厦 B 栋 6 层
607
Room 607, Building B, Tengfei Industrial Building, No.6 taohua Road,
Fubao Community, Fubao Street, Futian District, Shenzhen, 518045,
Guangdong, P.R.China
测试地址(Test Site) : 深圳市宝安区航城街道三围社区三围茶西工业区 2 栋 6 层
6/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China

样品信息(Report on the submitted sample(s) said to be):

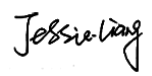
样品名称(Sample Name) : PV Module
型号(Model) : AIKO-A440-MAH54Mb
商标(Brand) : 
买家(Buyer) : /
原产地(Country of Origin) : China
制造商(Manufacturer) : 广东爱旭科技有限公司
Guangdong Aiko Solar Energy Technology Co., Ltd.
地址(Address) : 广东省佛山市三水区乐平镇齐力大道南 3 号
Address: No.3,South Qili Avenue, Leping town, Sanshui District, Foshan,
528137, Guangdong, P.R.China
收样日期(Sample Received Date) : 2023/02/27
测试周期(Testing Period) : 2023/02/27-2023/03/07
测试要求(Test Requested) : 依客户要求进行测试(Selected test(s) as requested by client).

测试要求**Test Requested:**

欧盟议会和欧盟理事会第 2011/65/EU(RoHS)号指令及修正案(EU) 2015/863 (Directive 2011/65/EU (RoHS) and its amendment directive (EU) 2015/863)
- Pb, Cd, Hg, Cr⁶⁺, PBBs, PBDEs, DBP, BBP, DEHP, DIBP

结论**Conclusion**

见结果 See the
result(s)

Approved by: 

签发: 梁丹(Jessie.Liang)

技术总监(Technical Director)

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报告修订记录 Report Revise Record

版本号 Report Version	签发日期 Issued Date	有效性 Valid Version	备注 Notes
/	2023/03/14	有效 Valid	首次发行 Initial release

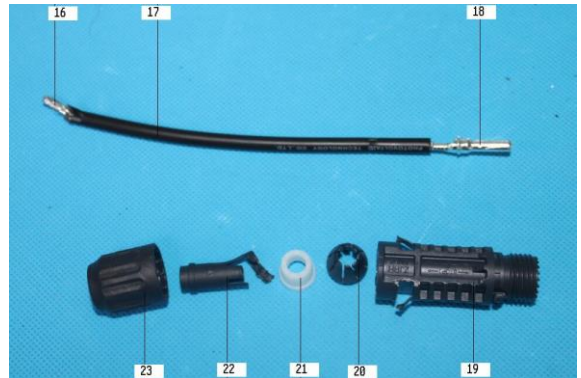
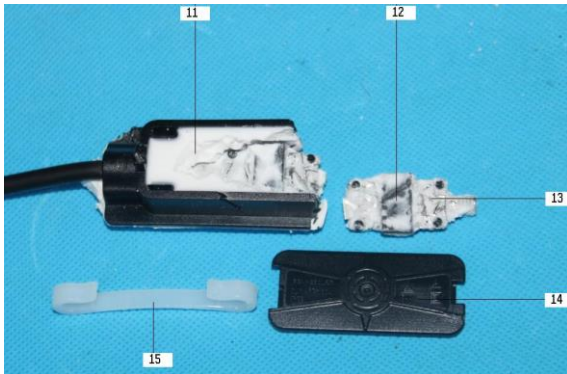
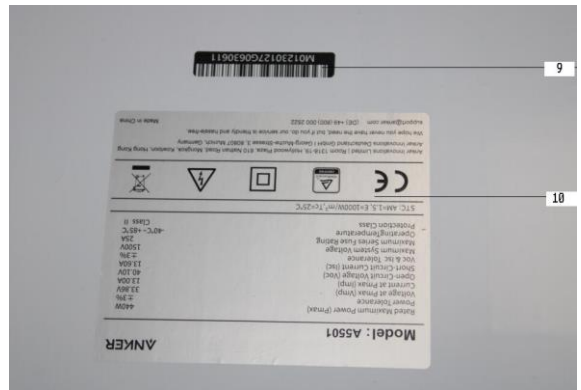
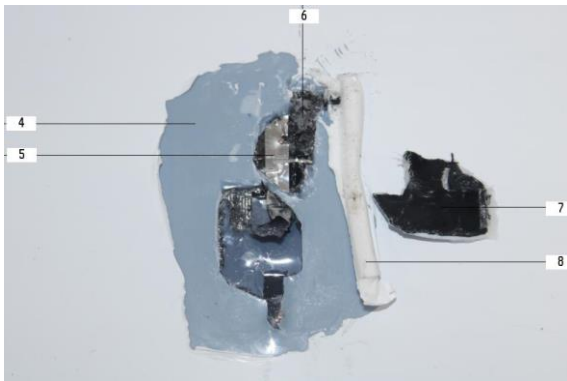
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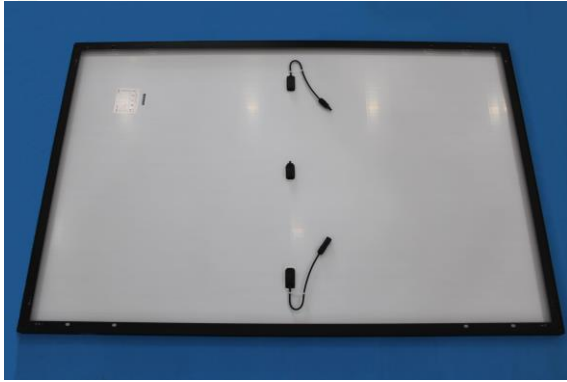
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样品附图(The photo of the sample)



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测试点描述(Test Point Description)

测试点 Test point	测试模块 Test module	测试部件 Test parts	测试点描述 Test point description
PV Module 型号 Model: AIKO-A440-MAH54Mb			
1	---	太阳能板 Solar panels	太阳能面板 Solar panel
2	---		黑色金属框 Black metal frame
3	---		白色背胶片 White adhesive backing
4	---		浅蓝色背胶片 Light blue adhesive backing
5	---		银色金属连接片 Sliver metal connecting piece
6	---		晶体硅板 Crystal silicon plate
7	---		黑色胶片 Black plastic sheet
8	---		白胶 White glue
9	---		黑色条码标签 Black barcode label
10	---		银色型号标签 Sliver model label
11	---	控制盒 Control box	白胶 White glue
12	---		集成电路 Integrated circuit
13	---		金属连接端子 Metal connection terminal
14	---		黑色塑料壳 Black plastic shell
15	---		乳白色塑料扣 Milk white plastic buckle
16	---	插头连接线 Plug cable	金属线芯 Metal conductor
17	---		黑色线皮 Black wire jacket
18	---		银色金属插针 Sliver metal pin

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19	---		灰色塑料插头 Grey plastic plug
20	---		灰色圆形塑料扣 Grey round plastic buckle
21	---		白色软胶扣 White soft buckle
22	---		黑色塑料扣 Black plastic buckle
23	---		黑色塑料旋钮圈 Black plastic knob ring
24	---	插头 Plug	乳白色密封圈 Milk white sealing ring
25	---		银色内金属 Silver inner metal
26	---		银色外金属头 Silver outer metal head

注：“---” = 该测试点在样品中单独存在，不依附于测试模块或测试部件。

Note: "---" = The test point exists alone in the sample and is not attached to the test module or test parts.

测试结果 Test Results:

注释 Note: N.D.= 未检出(小于方法检出限) (Not Detected (less than method detection limit))

MDL =方法检出限 Method Detection Limit, 1mg/kg=0.0001%

欧盟议会和欧盟理事会第 2011/65/EU(RoHS)号指令及修正案(EU) 2015/863 (Directive 2011/65/EU (RoHS) and its amendment directive (EU) 2015/863)
- Pb, Cd, Hg, Cr⁶⁺, PBBs, PBDEs, DBP, BBP, DEHP, DIBP

测试项目 Test Item	测试方法/仪器 Test Method/ Instrument	方法检出限 MDL	最大限值 Maximum Limit
铅 Lead (Pb)	IEC 62321-3-1:2013/ XRF	/	1000mg/kg
镉 Cadmium (Cd)		/	100mg/kg
汞 Mercury (Hg)		/	1000mg/kg
总铬 Total Chromium		/	/
总溴 Total Bromine		/	/
化学法 Chemistry Method			
铅 Lead (Pb)	IEC 62321-5:2013/ ICP-OES	10mg/kg	1000mg/kg
镉 Cadmium (Cd)	IEC 62321-5:2013/ ICP-OES	10mg/kg	100mg/kg
汞 Mercury (Hg)	IEC 62321-4: 2013+A1:2017 / ICP-OES	10mg/kg	1000mg/kg
非金属: 六价铬 (Cr ⁶⁺) Non-metal: Hexavalent Chromium (Cr ⁶⁺)	IEC 62321-7-2:2017/ UV-Vis	8mg/kg	1000mg/kg
金属: 六价铬 (Cr ⁶⁺) Metal: Hexavalent Chromium (Cr ⁶⁺)	IEC 62321-7-1:2015/ UV-Vis	0.1µg/cm ²	/
多溴联苯(PBBs) Polybrominated Biphenyls (PBBs) - 一溴联苯(MonoBB) - Monobromobiphenyl (MonoBB) - 二溴联苯(DiBB) - Dibromobiphenyl (DiBB) - 三溴联苯(TriBB) - Tribromobiphenyl (TriBB) - 四溴联苯(TetraBB) - Tetrabromobiphenyl (TetraBB) - 五溴联苯(PentaBB) - Pentabromobiphenyl (PentaBB) - 六溴联苯(HexaBB) - Hexabromobiphenyl (HexaBB) - 七溴联苯(HeptaBB) - Heptabromobiphenyl (HeptaBB) - 八溴联苯(OctaBB) - Octabromobiphenyl (OctaBB) - 九溴联苯(NonaBB) - Nonabromodiphenyl (NonaBB) - 十溴联苯(DecaBB) - Decabromodiphenyl (DecaBB)	IEC 62321-6:2015/ GC-MS	单项 Single 5mg/kg	总和 Sum 1000mg/kg

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测试项目 Test Item	测试方法/仪器 Test Method/ Instrument	方法检出限 MDL	最大限值 Maximum Limit
多溴二苯醚 (PBDEs) Polybrominated Diphenylethers (PBDEs) - 一溴二苯醚 (MonoBDE) - Monobromodiphenyl ether (MonoBDE) - 二溴二苯醚 (DiBDE) - Dibromodiphenyl ether (DiBDE) - 三溴二苯醚 (TriBDE) - Tribromodiphenyl ether (TriBDE) - 四溴二苯醚 (TetraBDE) - Tetrabromodiphenyl ether (TetraBDE) - 五溴二苯醚 (PentaBDE) - Pentabromodiphenyl ether (PentaBDE) - 六溴二苯醚 (HexaBDE) - Hexabromodiphenyl ether (HexaBDE) - 七溴二苯醚 (HeptaBDE) - Heptabromodiphenyl ether (HeptaBDE) - 八溴二苯醚 (OctaBDE) - Octabromodiphenyl ether (OctaBDE) - 九溴二苯醚 (NonaBDE) - Nonabromodiphenyl ether (NonaBDE) - 十溴二苯醚 (DecaBDE) - Decabromodiphenyl ether (DecaBDE)	IEC 62321-6:2015/ GC-MS	单项 Single 5mg/kg	总和 Sum 1000mg/kg
邻苯二甲酸二异丁酯 (DIBP) Di-iso-butyl phthalate (DIBP)	IEC 62321-8:2017/ GC-MS	50mg/kg	1000mg/kg
邻苯二甲酸二正丁酯 (DBP) Dibutyl phthalate (DBP)		50mg/kg	1000mg/kg
邻苯二甲酸丁苄酯 (BBP) Butylbenzyl phthalate (BBP)		50mg/kg	1000mg/kg
邻苯二甲酸二(2-乙基己基)酯 (DEHP) Di-(2-ethylhexyl) Phthalate (DEHP)		50mg/kg	1000mg/kg

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测试点 Test point	测试项目 Test Item	X 射线荧光光谱法 X- ray Fluorescence Spectrometry (XRF) mg/kg	湿化学法 Wet Chemistry Method mg/kg	结论 Conclusion	
1	Pb	BL	/	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	BL		/
		PBDEs			/
	DIBP	N/A	N.D.		
	DBP	N/A	N.D.		
	BBP	N/A	N.D.		
DEHP	N/A	N.D.			
2	Pb	IN	10	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	N/A		/
		PBDEs			/
	DIBP	N/A	/		
	DBP	N/A	/		
	BBP	N/A	/		
DEHP	N/A	/			
3	Pb	BL	/	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	BL		/
		PBDEs			/
	DIBP	N/A	N.D.		
	DBP	N/A	N.D.		
	BBP	N/A	N.D.		
DEHP	N/A	N.D.			
4	Pb	BL	/	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	BL		/
		PBDEs			/
	DIBP	N/A	N.D.		
	DBP	N/A	N.D.		
	BBP	N/A	N.D.		
DEHP	N/A	N.D.			

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5	Pb	IN	52410	不符合 Inconformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	N/A		/
		PBDEs			/
	DIBP		N/A		/
	DBP		N/A		/
	BBP		N/A		/
DEHP		N/A	/		
6	Pb	BL	/	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	BL		/
		PBDEs			/
	DIBP		N/A		N.D.
	DBP		N/A		N.D.
	BBP		N/A		N.D.
DEHP		N/A	N.D.		
7	Pb	BL	/	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	BL		/
		PBDEs			/
	DIBP		N/A		N.D.
	DBP		N/A		N.D.
	BBP		N/A		N.D.
DEHP		N/A	N.D.		
8	Pb	BL	/	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	BL		/
		PBDEs			/
	DIBP		N/A		N.D.
	DBP		N/A		N.D.
	BBP		N/A		N.D.
DEHP		N/A	N.D.		

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9	Pb	BL	/	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	BL		/
		PBDEs			/
	DIBP	N/A	N.D.		
	DBP	N/A	N.D.		
	BBP	N/A	N.D.		
DEHP	N/A	N.D.			
10	Pb	BL	/	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	BL		/
		PBDEs			/
	DIBP	N/A	N.D.		
	DBP	N/A	N.D.		
	BBP	N/A	N.D.		
DEHP	N/A	N.D.			
11	Pb	BL	/	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	BL		/
		PBDEs			/
	DIBP	N/A	N.D.		
	DBP	N/A	N.D.		
	BBP	N/A	N.D.		
DEHP	N/A	N.D.			
12	Pb	OL	/	符合 Conformity 豁免条款 Exemption clause 7(c)-I	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	BL		/
		PBDEs			/
	DIBP	N/A	N.D.		
	DBP	N/A	N.D.		
	BBP	N/A	N.D.		
DEHP	N/A	N.D.			

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测试点 Test point	测试项目 Test Item	X 射线荧光光谱法 X- ray Fluorescence Spectrometry (XRF) mg/kg	湿化学法 Wet Chemistry Method mg/kg	结论 Conclusion	
13	Pb	IN	26382	不符合 Inconformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	N/A		/
		PBDEs			/
	DIBP	N/A	/		
	DBP	N/A	/		
	BBP	N/A	/		
DEHP	N/A	/			
14	Pb	BL	/	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	BL		/
		PBDEs			/
	DIBP	N/A	N.D.		
	DBP	N/A	N.D.		
	BBP	N/A	N.D.		
DEHP	N/A	N.D.			
15	Pb	BL	/	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	BL		/
		PBDEs			/
	DIBP	N/A	N.D.		
	DBP	N/A	N.D.		
	BBP	N/A	N.D.		
DEHP	N/A	N.D.			
16	Pb	BL	/	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	N/A		/
		PBDEs			/
	DIBP	N/A	/		
	DBP	N/A	/		
	BBP	N/A	/		
DEHP	N/A	/			

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Tel: +86-755 2523 4088 E-mail: agc@agccert.com Web: http://www.agccert.com/

测试点 Test point	测试项目 Test Item	X 射线荧光光谱法 X- ray Fluorescence Spectrometry (XRF) mg/kg	湿化学法 Wet Chemistry Method mg/kg	结论 Conclusion	
17	Pb	BL	/	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	BL		/
		PBDEs			/
	DIBP	N/A	N.D.		
	DBP	N/A	N.D.		
	BBP	N/A	N.D.		
DEHP	N/A	N.D.			
18	Pb	BL	/	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	N/A		/
		PBDEs			/
	DIBP	N/A	/		
	DBP	N/A	/		
	BBP	N/A	/		
DEHP	N/A	/			
19	Pb	BL	/	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	BL		/
		PBDEs			/
	DIBP	N/A	N.D.		
	DBP	N/A	N.D.		
	BBP	N/A	N.D.		
DEHP	N/A	N.D.			
20	Pb	BL	/	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	BL		/
		PBDEs			/
	DIBP	N/A	N.D.		
	DBP	N/A	N.D.		
	BBP	N/A	N.D.		
DEHP	N/A	N.D.			

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测试点 Test point	测试项目 Test Item	X 射线荧光光谱法 X- ray Fluorescence Spectrometry (XRF) mg/kg	湿化学法 Wet Chemistry Method mg/kg	结论 Conclusion	
21	Pb	BL	/	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	BL		/
		PBDEs			/
	DIBP	N/A	N.D.		
	DBP	N/A	N.D.		
	BBP	N/A	N.D.		
DEHP	N/A	N.D.			
22	Pb	BL	/	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	BL		/
		PBDEs			/
	DIBP	N/A	N.D.		
	DBP	N/A	N.D.		
	BBP	N/A	N.D.		
DEHP	N/A	N.D.			
23	Pb	BL	/	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	BL		/
		PBDEs			/
	DIBP	N/A	N.D.		
	DBP	N/A	N.D.		
	BBP	N/A	N.D.		
DEHP	N/A	N.D.			
24	Pb	BL	/	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	BL		/
		PBDEs			/
	DIBP	N/A	N.D.		
	DBP	N/A	N.D.		
	BBP	N/A	N.D.		
DEHP	N/A	N.D.			

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测试点 Test point	测试项目 Test Item	X 射线荧光光谱法 X-ray Fluorescence Spectrometry (XRF) mg/kg	湿化学法 Wet Chemistry Method mg/kg	结论 Conclusion	
25	Pb	BL	/	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	BL	/		
	Br	PBBs	N/A		/
		PBDEs			/
	DIBP		N/A		/
	DBP		N/A		/
	BBP		N/A		/
DEHP		N/A	/		
26	Pb	BL	/	符合 Conformity	
	Cd	BL	/		
	Hg	BL	/		
	Cr(Cr ⁶⁺)	IN	N.D.		
	Br	PBBs	N/A		/
		PBDEs			/
	DIBP		N/A		/
	DBP		N/A		/
	BBP		N/A		/
DEHP		N/A	/		

元素 Element	单位 Unit	非金属材料 Non-metal	金属材料 Metal	复合材料 Composite Material
Cd	mg/kg	BL≤70-3σ<X <130+3σ≤OL	BL≤70-3σ<X <130+3σ≤OL	BL≤50-3σ<X <150+3σ≤OL
Pb	mg/kg	BL≤700-3σ<X <1300+3σ≤OL	BL≤700-3σ<X <1300+3σ≤OL	BL≤500-3σ<X <1500+3σ≤OL
Hg	mg/kg	BL≤700-3σ<X <1300+3σ≤OL	BL≤700-3σ<X <1300+3σ≤OL	BL≤500-3σ<X <1500+3σ≤OL
Cr	mg/kg	BL≤700-3σ<X	BL≤700-3σ<X	BL≤500-3σ<X
Br	mg/kg	BL≤300-3σ<X	N/A	BL≤250-3σ<X

备注(Remark):

- BL= 低于限值(Below Limit), OL= 高于限值(Over Limited), IN= 不确定, XRF 扫描显示需通过化学方法确认 (Inconclusive, Scanning by XRF and detected by chemical method), N/A = 不适用(Not Applicable).
- 样品先用 XRF 进行筛选测试, 如果筛选测试的结果超过上表中列出的警戒值, 则需通过 ICP(对 Cd, Pb, Hg), UV-Vis (对 Cr(VI))和 GC-MS (对 PBBs, PBDEs)作进一步的化学测试进行确认。(Results were obtained by XRF for primary scanning, and further chemical testing by ICP (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBBs, PBDEs) are recommended to be performed, if the concentration exceeds the

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above warning value).

(3) 用 XRF 筛选测试限制元素, 读数可能不同于具有不均匀结构的样品中的实际含量。(The XRF scanning test for restricted elements – The reading may be different to the actual content in the sample be of non-uniformity composition.)

(4) 沸水提取: X 为待测样品结果(Boiling-water-extraction:(X represents the results of the tested sample))

序号 Number	比色结果(铬(VI)浓度) Colorimetric result (Cr(VI) concentration)	判定 Judgement
1	$X < 0.1 \mu\text{g}/\text{cm}^2$	阴性(Negative)
2	$0.1 \mu\text{g}/\text{cm}^2 \leq X \leq 0.13 \mu\text{g}/\text{cm}^2$	不确定(Uncertainty)
3	$X > 0.13 \mu\text{g}/\text{cm}^2$	阳性(Positive)

阴性表明测试区域内六价铬含量低于定量极限, 认定镀层不存在六价铬。(Negative indicates the absence of Cr(VI) on the tested areas concentration is below the limit of quantification. The coating is considered a non-Cr(VI) based coating.)

不确定表明测试区域镀层六价铬的不可避免的变化影响结果判定, 导致无法判定结果。(Uncertainty indicates the absence of Cr(VI) on the tested areas unavoidable coating variations may influence the determination.)

阳性表明测试区域内六价铬含量高于定量极限, 认定镀层含有六价铬。(Positive indicates the presence of Cr(VI) on the tested areas concentration is above the limit of quantification and the statistical margin of error. The sample coating is considered to contain Cr(VI).)

由于未获知样品的存储条件和生产日期、样品的六价铬测试结果仅代表测试时样品的状态。

(Storage conditions and production date of the tested sample are unavailable and thus result of Cr(VI) represent status of the sample at the time of testing.)

(5) 免责声明(Disclaimers): XRF 扫描报告仅供参考, 申请者必须自己确认本 XRF 扫描报告所提供的信息能满足/他/她的用途。(This XRF Scanning report is for reference purposes only. The applicant shall make its/his/her own judgment as to whether the information provided in this XRF screening report is sufficient for its/his/her purposes.)

基于不同的因素, 本 XRF 扫描报告显示结果有所不同, 包括但不限于样品的尺寸、厚度、面积、表面光滑度、设备参数和基体效应(例如塑胶、橡胶、金属、玻璃、陶瓷等等)。为获得数据资料, 要求有相关化学分析设备作进一步湿化学预处理。(The result shown in this XRF scanning report will differ based on various factors, including but not limited to, the sample size, thickness, area, surface flatness, equipment parameters and matrix effect (e.g. plastic, rubber, metal, glass, ceramic etc.). Further wet chemical pre-treatment with relevant chemical equipment analysis are required to obtain quantitative data.)

豁免条款 Exemption clause	豁免项目 Exemption
7(c)-I	电子电气器件的玻璃或陶瓷(电容中介电陶瓷除外)中的铅, 或玻璃或陶瓷复合材料中的铅(例如: 压电陶瓷器件) Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound

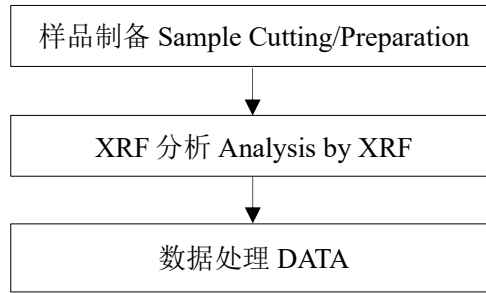
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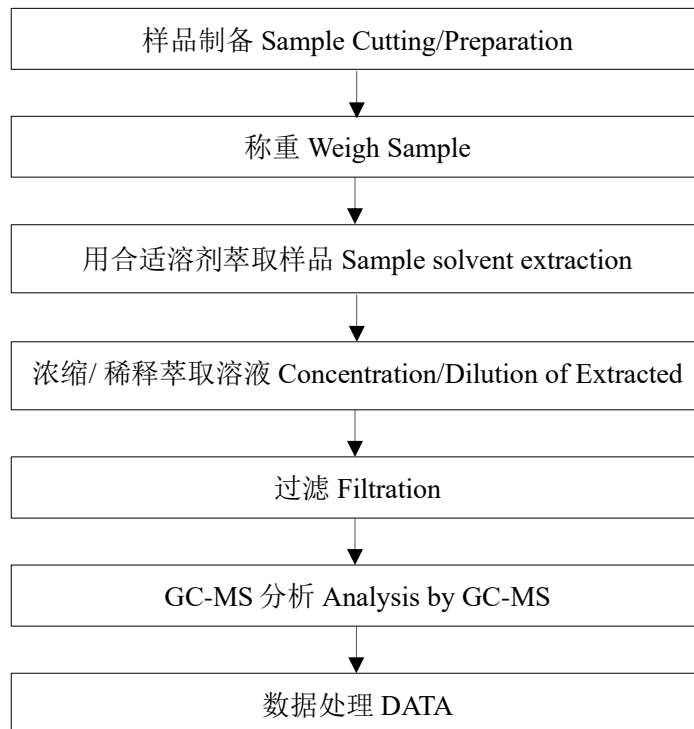
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XRF 的测试流程图
Test Flow Chart of XRF

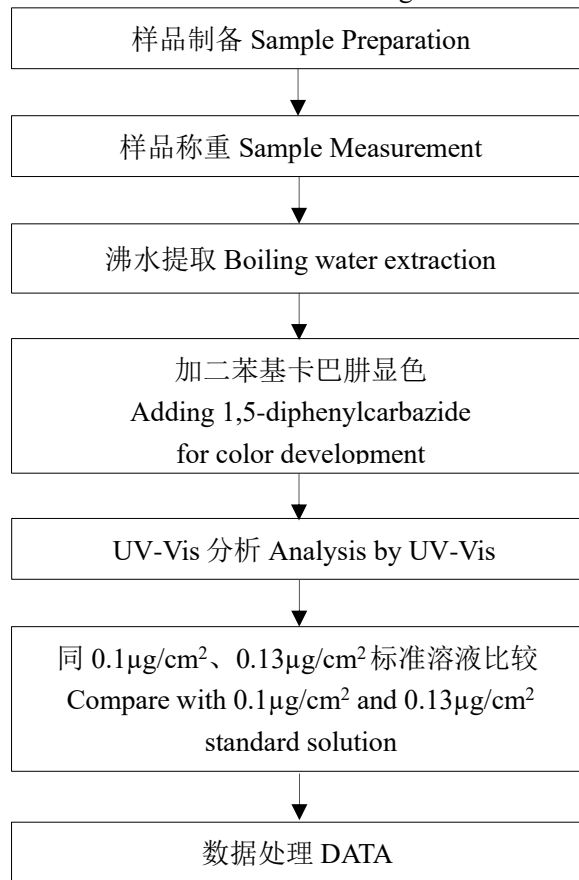


邻苯二甲酸酯的测试流程图
Test Flow Chart of Phthalates



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六价铬(Cr⁶⁺)的测试流程图
Test Flow Chart of Hexavalent Chromium (Cr⁶⁺)
金属镀层材料 Metal coating material

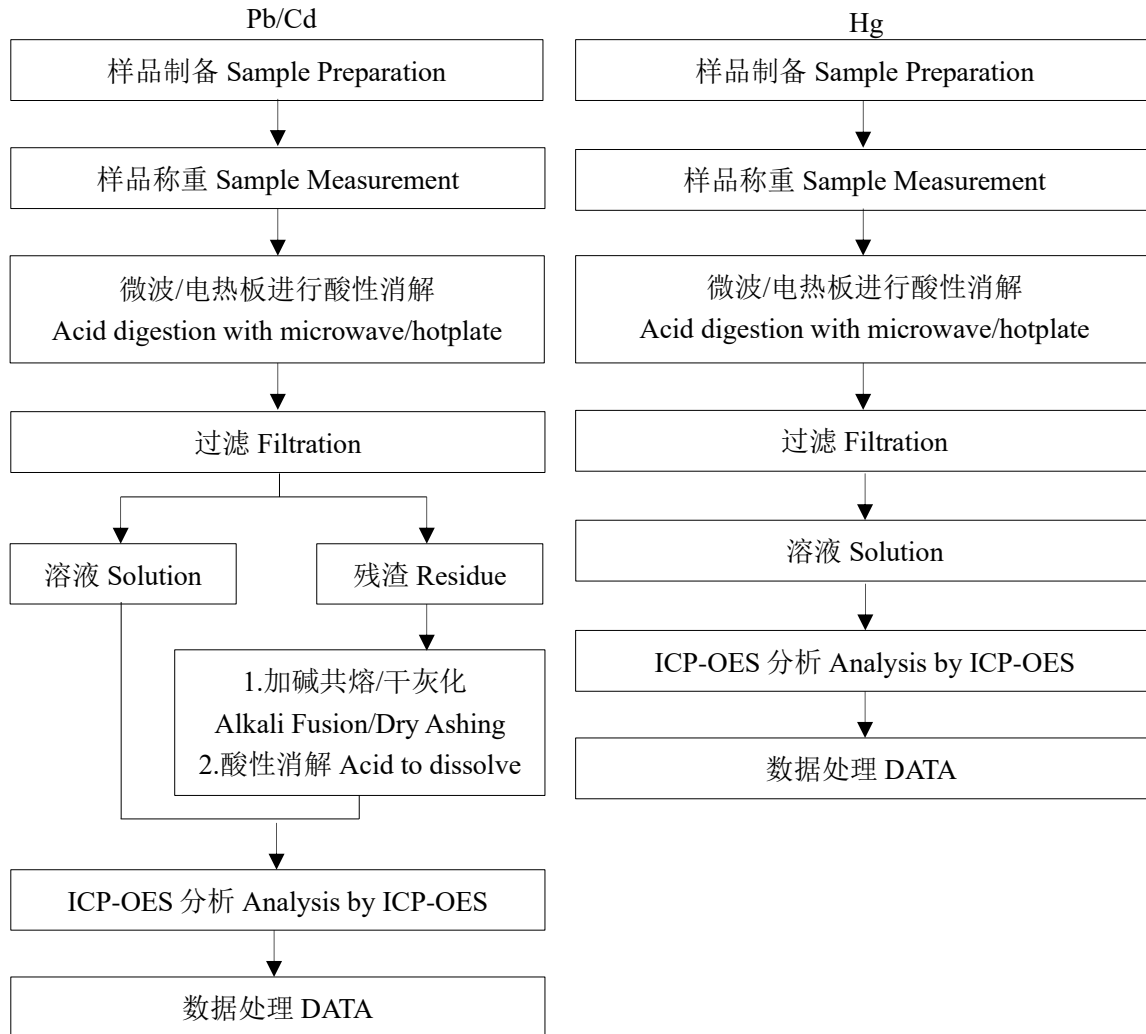


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铅、镉、汞的测试流程图
Test Flow Chart of Lead, Cadmium and Mercury


根据以上的流程图之条件，样品已经完全溶解

These sample were dissolved totally by pre-conditioning method according to above flow chart



签发测试报告条款 Conditions of Issuance of Test Reports

1. 深圳市鑫宇环标准技术有限公司(以下简称[本公司])为提供符合下述条款的测试和报告, 而接受有关样品和货品。本公司基于下述条款提供服务, 下述条款为本公司与申请服务的个人, 企业或公司(以下简称[客户])的协议。All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd. (the “Company”) solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the “Clients”).
2. 由此测试申请所发出的任何报告(以下简称[报告]), 本公司会严格为客户保密。未经本公司的书面同意, 报告的整体或部分不得复制, 也不得用于广告或授权的其他用途。然而, 客户可以将本公司印制的报告或认可的副本, 向其客户、供货商或直接相关的其他人出示或提交。除非相关政府部门、法律或法规要求, 否则未经客户同意, 本公司不得将报告内容向任何第三方讨论或披露。Any report issued by Company as a result of this application for testing services (the “Report”) shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
3. 除非相关政府部门、法律或法院要求, 否则未经公司预先书面同意, 本公司毋需也无义务到法院对有关报告作证。The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
4. 如果本公司确定报告被不当地使用, 本公司保留撤回报告的权利, 并有权要求其它适当的额外赔偿。In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
5. 本公司接受样品进行测试的前提是, 该测试报告不能作为针对本公司法律行动的依据。Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
6. 如因使用本公司任何报告内的资料, 或任何传播信息所描述与之有关的测试或研究导致的任何损失或损害, 本公司概不负责。The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
7. 若需要在法院审理程序或仲裁过程中使用测试报告, 客户必须在提交测试样品前将该意图告知本公司。Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.

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8. 电子版报告更改后将不被追回，客户有义务将更改后的报告提供给使用原报告的相关方。The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.

9. 该测试报告的支持数据和信息本公司保存 6 年。个别评审机构有特别要求的，检测数据和报告的保存期可依情况变动。一旦超过上述提交的保存期限，数据和信息将被处理掉。任何情况下，本公司不必提供任何被处理的过期数据或信息。即使本公司事先被告知可能会发生相关的损害，本公司在任何情况下也不必承担任何损害，包括(但不限于)补偿性赔偿、利润损失、数据遗失、或任何形式的特殊损害、附带损害、间接损害、从属损害或任何违反约定、违反承诺、侵权(包括疏忽)、产品责任或其他原因的惩罚性损害。Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

报告结束
*** End of Report ***

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