

测试报告

No. CANEC1600117202

日期: 2016年01月11日 第1页,共5页

东莞市拓步电子有限公司

东莞市黄江镇田心工业区滨河路6号A栋

以下测试之样品是由申请者所提供及确认: 锂二氧化锰电池

SGS工作编号: CP16-000250 - SZ

型号: C R2032

客户参考信息: 根据客户申明, 以下型号电池中相应部件的材质及其占整颗电池的比重与测试样品完全相同: CR2032 CR2025

CR2016 CR2050 CR927 CR1220 CR1225 CR1130 CR1216

CR1616 CR1620 CR1625 CR1632 CR2320 CR2325 CR2330

CR2354 CR2325 CR2430 CR2450 CR2477 CR3032

制造商: 东莞市拓步电子有限公司

原产国: 中国

样品接收日期: 2016年01月05日

测试周期: 2016年01月05日 - 2016年01月11日

测试要求: 根据客户要求测试

测试方法: 请参见下一页

测试结果: 请参见下一页

结论: 所送样品的测试结果不超过欧盟电池指令2006/66/EC及其第4章的修订指令2013/56/EU中提及的限制。

通标标准技术服务有限公司广州分公司

授权签名

杨谷毅

Echo Yeung 杨谷毅

批准签署人

备注: 本报告是编号为CANEC1600117201报告的中文版本



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测试结果:

测试样品描述:

样品编号	SGS样品ID	描述
SN1	CAN16-001172.001	"锂离子电池"

备注:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = 方法检测限
- (3) ND = 未检出 (< MDL)
- (4) "-" = 未规定

欧盟电池指令2006/66/EC及其第4章的修订指令2013/56/EU-电池及蓄电池中的重金属含量

测试方法: 酸消解测定, 采用ICP-OES进行分析.

测试项目	限值	单位	MDL	001
镉(Cd)	0.0020	%(w/w)	0.0010	ND
铅(Pb)	-	%(w/w)	0.0010	ND
汞(Hg)	0.0005	%(w/w)	0.0001	ND

备注:

- (1) 所示结果为电池样品总重量中的含量
- (2) 依据欧盟指令欧盟电池指令2006/66/EC及其第4章的修订指令2013/56/EU, 针对所有类型电池,如铅的含量超过0.004%,则应当在样品上标示特定元素的化学符号.

元素分析

测试方法: 酸消解, 用ICP-OES分析.

测试项目	单位	MDL	001
汞(Hg)	mg/kg	0.1	ND

备注:

- 汞参考信息: (根据美国, 第104-142(1996)公法“含汞电池管理法案”的要求):
- a) 在法案生效日及之后, 任何有意引入汞化合物含量(与附带引入相区别)的碱锰电池, 将不被允许用于售卖或者宣传推广。汞含量在25毫克/每个电池以下的碱锰钮扣电池除外。



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- b) 在法案生效日及之后, 任何有意引入汞化合物的锌碳电池, 将不被允许用于售卖或者宣传推广。
- c) 在法案生效日及之后, 氧化汞钮扣电池将不被允许在美国境内用于售卖或者宣传推广。
- d) 在法案生效日及之后, 氧化汞电池将不被允许在美国境内用于售卖或者宣传推广。



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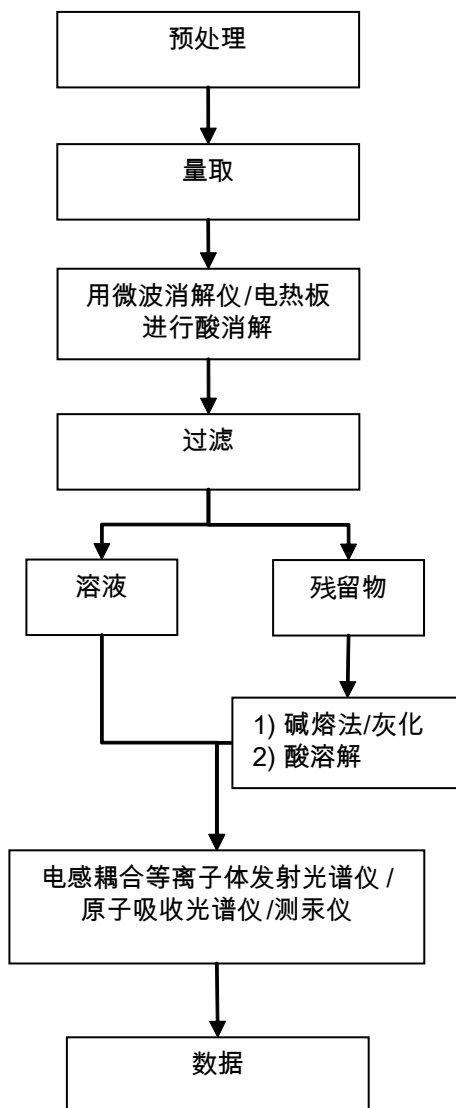
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附件

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Battery 测试流程图



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样品照片:



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