



检测报告

Test Report

报告编号 A224045758911500401E
Report No. A224045758911500401E

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报告抬头公司名称

Company Name

shown on Report

地 址

Address

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 applicant

样品名称	可充锂离子电池
Sample Name	Rechargeable Li-ion Battery
样品接收日期	2024.07.31
Sample Received Date	Jul. 31, 2024
样品检测日期	2024.07.31-2024.08.16
Testing Period	Jul. 31, 2024 to Aug. 16, 2024

检测要求

根据客户要求, 按照欧盟法规(EU) 2023/1542 要求, 对所提交样品中的铅(Pb), 镉(Cd), 汞(Hg)进行测试。

Test Requested

As specified by client, to test Lead (Pb), Cadmium (Cd), Mercury (Hg) in the submitted sample(s) according to Regulation (EU) 2023/1542.

检测依据/检测结果

请参见下页。

Test Method/Test Result(s)

Please refer to the following page(s).

结论

检测结果显示, 所提交样品符合欧盟法规(EU) 2023/1542 的物质限制要求。

Conclusion

The test results show that the submitted sample complies with the restriction on substances requirements of regulation (EU) 2023/1542.

批 准

Approved by

许贻晶

许贻晶

实验室经理 Lab Manager

日 期

Date

2024.08.23

广州市华测检测认证技术有限公司

Centre Testing International (Guangzhou) Co., Ltd.

No.133, Jiaoyu Second Road, Tangcun, Huangpu District, Guangzhou, Guangdong, China

No. R662339764

广东省广州市黄埔区汤村教育二路 133 号

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检测依据 Test Method

测试项目 Tested Item(s)	测试方法 Test Method	测试仪器 Measured Equipment(s)
铅 Lead (Pb)	参考 IEC 62321-5:2013 Refer to IEC 62321-5:2013	ICP-OES
镉 Cadmium (Cd)	参考 IEC 62321-5:2013 Refer to IEC 62321-5:2013	ICP-OES
汞 Mercury (Hg)	参考 IEC 62321-4:2013+AMD1:2017 CSV Refer to IEC 62321-4:2013+AMD1:2017 CSV	ICP-OES

检测结果 Test Result(s)

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL
	004	
铅 Lead (Pb)	N.D.	0.0002 %
镉 Cadmium (Cd)	N.D.	0.0002 %
汞 Mercury (Hg)	N.D.	0.0001 %

样品/部位描述 Sample/Part Description

序号 No.	CTI 样品 ID CTI Sample ID	描述 Description
1	004	电池 Battery

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备注: 对于检测铅, 镉, 汞之样品已消解完全。

-N.D. = 未检出 (小于方法检出限)

-根据客户声明, 本报告中的报告抬头公司名称与报告 A2240457589115004E 中的报告抬头公司名称为集团公司和子(附属)公司关系, 本报告的测试结果引用自报告 A2240457589115004E。

Remark: The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL)

-According to the client's statement, the Company Name shown on Report in this report and the Company Name shown on Report in the report A2240457589115004E are the Group-subsiary relations, the test result(s) of this report is/are presented in reference to the result(s) that reported in A2240457589115004E.

注释: 1. 欧盟法规(EU) 2023/1542 物质限制要求

- 1) 电池无论是否安装在设备、轻型运输工具或其他车辆中, 汞 $\leq 0.0005\%$ 。
 - 2) 便携式电池, 无论是否装在设备、轻型运输工具或其他车辆上, 镉 $\leq 0.002\%$ 。
 - 3) 自 2024 年 8 月 18 日起, 便携式电池, 无论是否包含在设备中, 铅 $\leq 0.01\%$ 。
 - 4) 第 3) 点所列限制在 2028 年 8 月 18 日前不适用于便携式锌空气纽扣电池。
2. 含镉超过 0.002% 或含铅超过 0.004%, 应标注对应化学符号 Cd 或 Pb。

Note: 1. The restriction on substances requirements of regulation (EU) 2023/1542

- 1) Batteries, whether or not incorporated into appliances, light means of transport or other vehicles, shall not contain more than 0.0005 % of mercury (expressed as mercury metal) by weight.
 - 2) Portable batteries, whether or not incorporated into appliances, light means of transport or other vehicles, shall not contain more than 0.002 % of cadmium (expressed as cadmium metal) by weight.
 - 3) From 18 August 2024, portable batteries, whether or not incorporated into appliances, shall not contain more than 0.01 % of lead (expressed as lead metal) by weight.
 - 4) The restriction set out in point 3) shall not apply to portable zinc-air button cells until 18 August 2028.
2. All batteries containing more than 0.002 % cadmium or more than 0.004 % lead, shall be marked with the chemical symbol for the metal concerned: Cd or Pb.

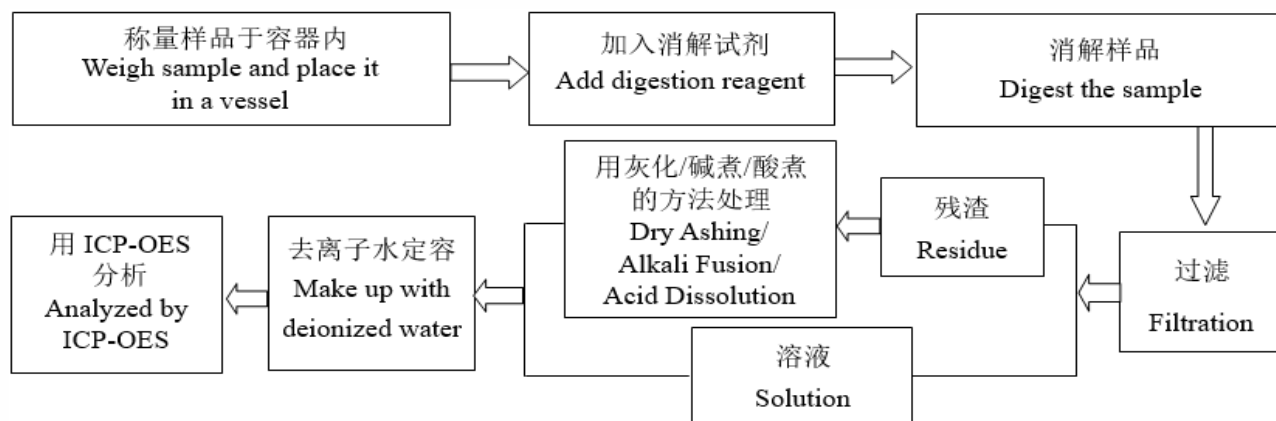
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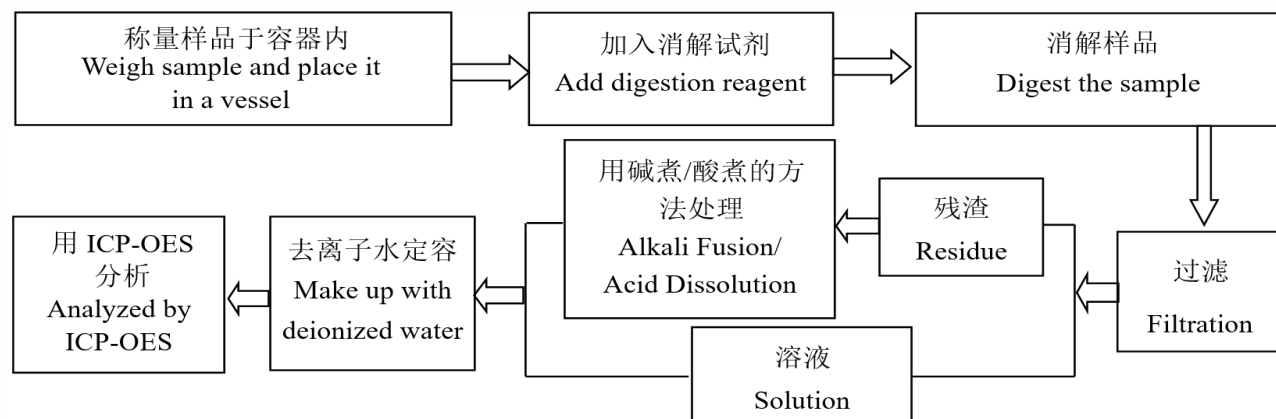
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检测流程 Test Process

1. 铅 Lead (Pb), 镉 Cadmium (Cd)



2. 汞 Mercury (Hg)



技术部章
CES

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样品图片

Photo(s) of the sample(s)



声明 Statement:

1. 检测报告无批准人签字、“专用章”及报告骑缝章无效;
This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. 报告抬头公司名称及地址、样品及样品信息由申请者提供, 申请者应对其真实性负责, CTI 未核实其真实性;
The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. 本报告检测结果仅对受测样品负责;
The result(s) shown in this report refer(s) only to the sample(s) tested;
4. 除非另有说明, 报告参照 ILAC-G8:09/2019 / CNAS-GL015:2022 使用简单接受 (w=0) 二元判定规则进行符合性判定;
Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019 / CNAS-GL015:2022;
5. 未经 CTI 书面同意, 不得部分复制本报告;
Without written approval of CTI, this report can't be reproduced except in full;
6. 如检测报告中的英文内容与中文内容有差异, 以中文为准。
In case of any discrepancy between the English version and Chinese version of the testing reports (if generated), the Chinese version shall prevail.

*** 报告结束 ***
*** End of Report ***

附录 Appendix

客户参考信息 Client Reference Information

14280, 14430, 14500, 14650, 18490, 18500, 18650, 21700, 26650, 18650L, ICR08600, ICR08600P, ICR10100, ICR10120, ICR10150, ICR10220, ICR10220P, ICR10250, ICR10280, ICR10350, ICR10370, ICR10430, ICR10440, ICR10440P, ICR11330P, ICR12300, ICR12350, ICR12395, ICR12540, ICR13390, ICR13390P, ICR13450, ICR13600, ICR13700, ICR14200, ICR14250, ICR14280, ICR14430, ICR14430HP, ICR14450, ICR14470, ICR14500, ICR14500HP, ICR14500MP, ICR14500N, ICR14500P, ICR14505, ICR14540, ICR14650, ICR15266, ICR15270, ICR16340, ICR16600, ICR16650, ICR17280, ICR17280P, ICR17315, ICR17335, ICR17335P, ICR17500, ICR17650, ICR18350, ICR18350P, ICR18400, ICR18480, ICR18490, ICR18500, ICR18500HP, ICR18500MP, ICR18500P, ICR18600, ICR18650, ICR18650CL, ICR18650D3C, ICR18650HP, ICR18650LT, ICR18650MP, ICR18650P, ICR18650SP, ICR18650T, ICR18700, ICR20350, ICR20650, ICR20700, ICR21650, ICR21700, ICR21700P, ICR22650, ICR22650P, ICR26650, ICR26650E, ICR26650P, ICR32650, ICR32700, IMR18650C, IMR18650P, INR10100, INR10250, INR10280, INR10370, INR10430, INR10440, INR11330P, INR12300, INR12350, INR12540, INR13390, INR13390P, INR13450, INR13600, INR14200, INR14250, INR14280, INR14430, INR14450, INR14500, INR14505, INR14540, INR14650, INR15270, INR16600, INR16650, INR17280, INR17335, INR17650, INR18350, INR18400, INR18480, INR18490, INR18500, INR18650, INR18650M, INR18650C, INR18650P, INR18700, INR20350, INR20650, INR20700, INR21650, INR21700, INR21700P, INR22650, INR26650, INR32650, LIR18650, ICR16500, ICR12440, ICR12440P, ICR16310, ICR13300, GSP-2S2P-XT3A, GSP-1S1P-OS7A, GSP-1S2P-F5A, GSP-1S2P-F5B, GSP-2S4P-PB350A, GSP-2S2P-Xt3, GSP-1S3P-CH4A, GSP-2S2P-XT3D, GSP-1S3P-CH4D, GSP-1S2P-F5D, GSP-1S2P-F6D, GSP-1S2P-F6A, GSP-2S4P-PB350B, ICR16650P, 17335, 10440, ICR14400, INR14400, 14400, ICR14480, ICR14480C, INR14480, 14480, INR18650SP, ICR18650HT, INR18650HT, ICR10290, INR18650/26L, INR21400, LIR16310, LIR26650, LIR13400, LIR13450, LIR17280, LIR14480, ICR17350

声明 Statement:

1. 附录内容由申请者提供，申请者应对其真实性负责，CTI 未核实其真实性。
The Appendix Information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified.
2. 附录内容为 A224045758911500401E 报告的补充。
The Appendix Information is/are the supplement(s) for the Report A224045758911500401E.