



中国认可
国际互认
检测
TESTING
CNAS L17543

TEST REPORT

测试报告

Report No.(报告编号): ANT2409100027-010

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Applicant : **DONGGUAN LUMISPORTS CO., LTD**
申请商 : 东莞市路美户外用品有限公司
Address : **Rm401, 1st Building, No.7 Jiefang Sout St, Xiasha, Shipai town,**
地址 : **DongguanCity,Guangdong Province, china.**
广东省东莞市石排镇下沙解放南街 7 号 1 号楼 401 室
Manufacturer's name : **Dongguan LIXING Battery Co., Ltd.**
制造商 : 东莞市力兴电池有限公司
Address : **Room 201, Building 2, No. 42 Longyuan road,Yanwu Dalingshan town,**
地址 : **Dongguan, Guangdong, P.R.China**
广东省东莞市大岭山镇颜屋龙园路 42 号 2 栋 201 室

Report on the submitted samples said to be:

委托检测的样品及申请者对样品的说明如下 :

Sample Name : Li-ion Polymer Battery
样品名称 :
Trade Mark : N/A
商标 :
Tested Style No. : LX 18650 2200mAh
测试型号 :
Series models : N/A
系列型号 :
Sample reception time : September 10, 2024
接收时间 : 2024 年 09 月 10 日
Testing Period : September 10, 2024 ~ September 14, 2024
测试周期 : 2024 年 09 月 10 日 ~ 2024 年 09 月 14 日
Test request : With reference to Regulation (EU) 2023/1542 of the European Parliament and of
测试要求 : the Council
参考欧洲议会和理事会第 2023/1542 号条例 (欧盟)。
Test method : Please refer to next page(s).
测试方法 : 参见后续页。
Results : Please refer to next page(s).
测试结果 : 参见后续页。

Redact By
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Yetta
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Reviewed By
审核

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Issued By
签发

Sophia
Sophia

Date of issue
签发日期

September 18, 2024
2024 年 09 月 18 日



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CONCLUSION

结论

According to the customer's request, based on the performed tests on submitted sample, the result of total Lead (Pb), Cadmium (Cd), Mercury (Hg) content comply with the limit as set of Regulation (EU) 2023/1542 of the European Parliament and of the Council.

A. 根据客户要求, 对提交样品进行的测试, 总铅 (Pb)、镉 (Cd)、汞 (Hg) 含量的结果符合欧洲议会和理事会第 2023/1542 号条例 (欧盟) 的限制。



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A. The results of total Lead(Pb), Cadmium(Cd), Mercury(Hg) content according to Regulation (EU) 2023/1542 of the European Parliament and of the Council.

依据欧洲议会和理事会第 2023/1542 号条例（欧盟）铅(Pb)、镉(Cd)、汞(Hg)含量的结果。

Test method: With reference to US EPA 3050B:1996, US EPA 3052:1996 and US EPA 6010D:2018. Analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-OES)

测试方法: 参考 US EPA 3050B:1996, US EPA 3052:1996 and US EPA 6010D:2018 测试方法,样品用酸消解,然后用电感耦合等离子体发射光谱仪 (ICP-OES) 进行检测

Item 项目	Unit 单位	MDL 最低检出限	Results 结果	Limit 限值
Mercury (Hg) 汞	mg/kg	2	N.D.	5
Cadmium (Cd) 镉	mg/kg	2	N.D.	20
Lead (Pb) 铅	mg/kg	2	N.D.	100*

Remark

备注:

*= From 18 August 2024, portable batteries, whether or not incorporated into appliances, shall not contain more than 0,01 % (=100 mg/kg) of lead (expressed as lead metal) by weight.

*= 从 2024 年 8 月 18 日起, 便携式电池, 无论是否被纳入电器中, 其含铅量不得超过 0.01%(100 mg/kg) (以铅金属表示)。

※1 = The prohibition not apply to portable batteries and accumulators intended for use in:

- (a) emergency and alarm systems, including emergency lighting;
- (b) medical equipment;
- (c) cordless power tools.

※1 = 该禁令不适用于以下我们用来使用的便携电池或蓄电池:

- (a) 紧急或警报系统,包括紧急照明;
- (b) 医疗设备;
- (c) 无绳电动工具.

※2 =All batteries, accumulators and battery packs shall be marked with forked pulley dustbin

※2=所有的电池、蓄电池和电池组应带有划叉的带轮垃圾箱标志。



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- ※3 = If batteries, accumulators and button cells containing more than 5 mg/kg Mercury, or more than 20 mg/kg Cadmium, or more than 40 mg/kg Lead, the chemical conformity of metal that should exceed the limit under the marking of forked pulley dustbin is Hg, Cd and Pb, and the chemical conformity occupies at least one fourth of the area of the marking of forked pulley dustbin.
- ※3 = 如果电池、蓄电池和纽扣电池中汞(Hg)含量超过 5mg/kg 或者镉(Cd)含量超过 20 mg/kg 或者铅(Pb)含量超过 40 mg/kg, 则划叉的带轮垃圾箱标志下应加超过限量的金属的化学符合: Hg、Cd、Pb, 并且化学符合所占的面积至少为划叉的带轮垃圾箱标志的四分之一。
- ※4 = If batteries or accumulators contain more than one of the above metals, the corresponding chemical conformity should be added separately.
- ※4 = 如果电池或蓄电池含有超过一种以上的上述金属, 则需要分别附加相应的化学符合。

Remark

备注:

- mg/kg = ppm
- N.D. = Not detected or less than MDL
未检出或低于方法检出限
MDL = Method Detection Limit
方法检出限
- Results shown are of total weight of the battery sample.
结果显示的是整个电池样品的重量
- Flow chart appendix is included.
测试流程图见附录
- Photo appendix is included.
图片见附录



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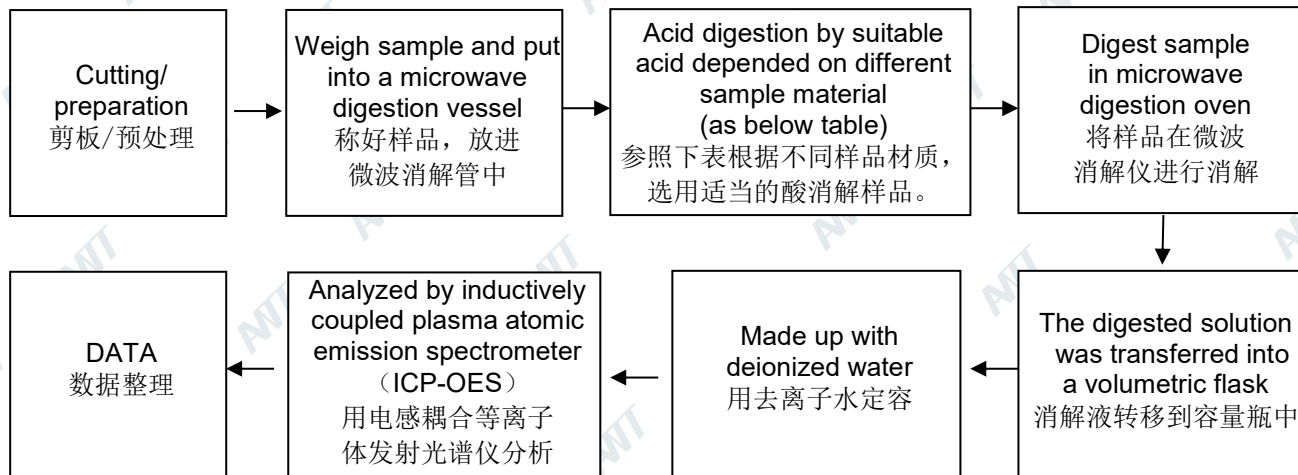
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Appendix

附录

1. Test Flowchart for Pb / Cd /Hg contents 铅/镉/汞测试流程图





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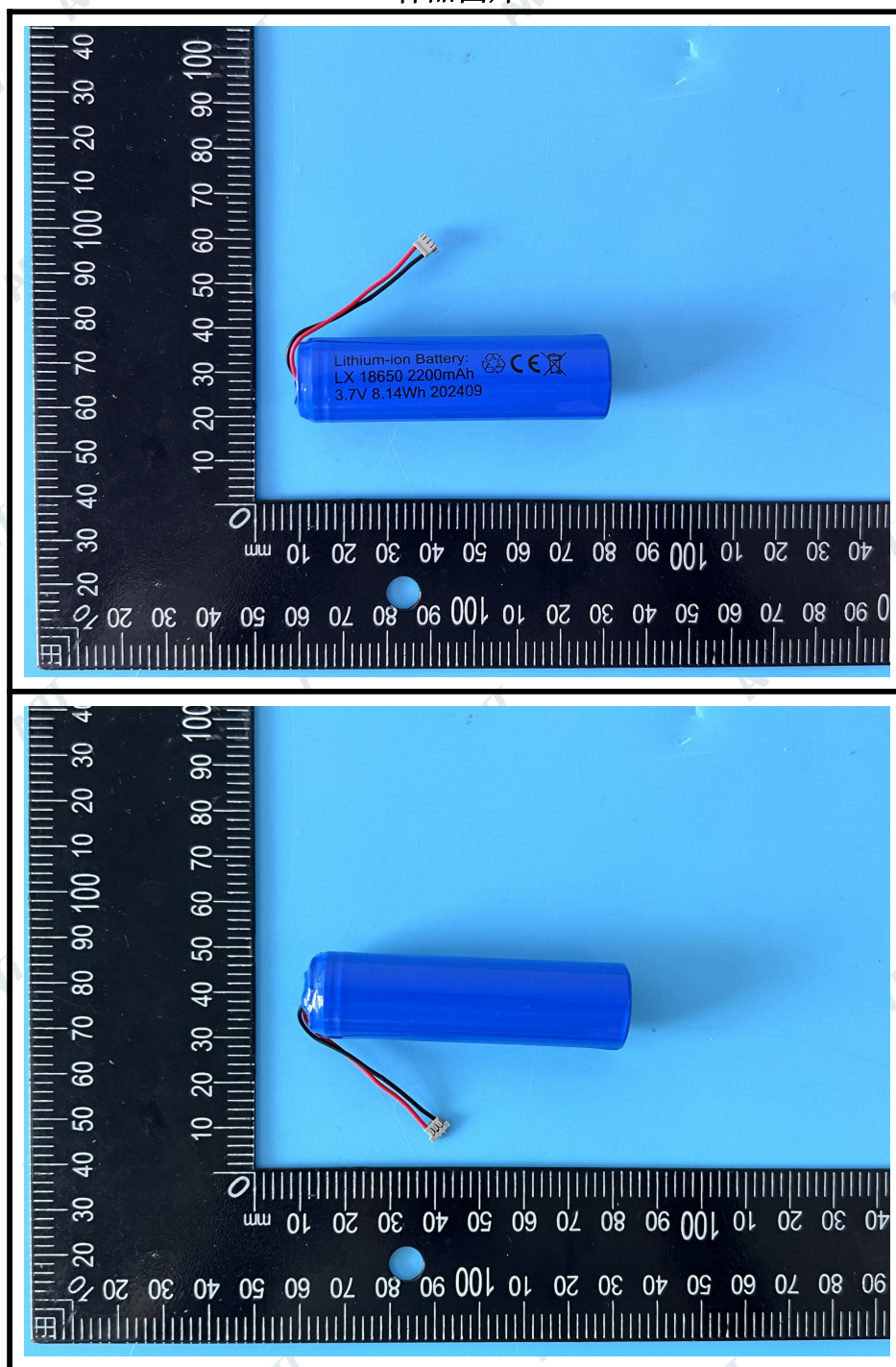
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The photo of the sample

样品图片



ANT authenticate the photo on original report only

此图片仅限于随 ANT 正本报告使用



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*** End of Report ***

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