



TEST REPORT

Report No.: ANT2405310006-010

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Applicant : GUANGDONG ZHAONENG TECHNOLOGY CO., LTD.
Address : No. 11, Dou Kou Development Zone Avenue, Xia Jiao Village, Dan Zao Town, Nanhai district, Foshan city, Guangdong, China
Manufacturer's name : GUANGDONG ZHAONENG TECHNOLOGY CO., LTD.
Address : No. 11, Dou Kou Development Zone Avenue, Xia Jiao Village, Dan Zao Town, Nanhai district, Foshan city, Guangdong, China

Report on the submitted samples said to be:

Sample Name : Rechargeable Lithium-ion
Tested Style No. : 603048
Series models : N/A
Sample reception time : May 31, 2024
Testing Period : May 31, 2024 ~ June 05, 2024
Test request : Regulation (EU) 2023/1542 of the European Parliament and of the Council
Test method : Please refer to next page(s).
Results : Please refer to next page(s).

SUMMARY

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.

CONCLUSION

Pass

Redact By

Yetta

Reviewed By

Star

Issued By

Sophia

Date of issue June 05, 2024

Shenzhen Alliance Testing Technology Co., LTD.

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Results:

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.

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)

Item	Unit	MDL	Results	Limit
Mercury (Hg)	mg/kg	2	N.D.	5
Cadmium (Cd)	mg/kg	2	N.D.	20
Lead (Pb)	mg/kg	2	N.D.	100*

Note:

*= 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.:

※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.

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

※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.

※4 = If batteries or accumulators contain more than one of the above metals, the corresponding chemical conformity should be added separately.

Remark:

- mg/kg = ppm
- N.D. = Not detected or less than MDL
- MDL = Method Detection Limit
- Results shown are of total weight of the battery sample.
- Flow chart appendix is included.
- Photo appendix is included.



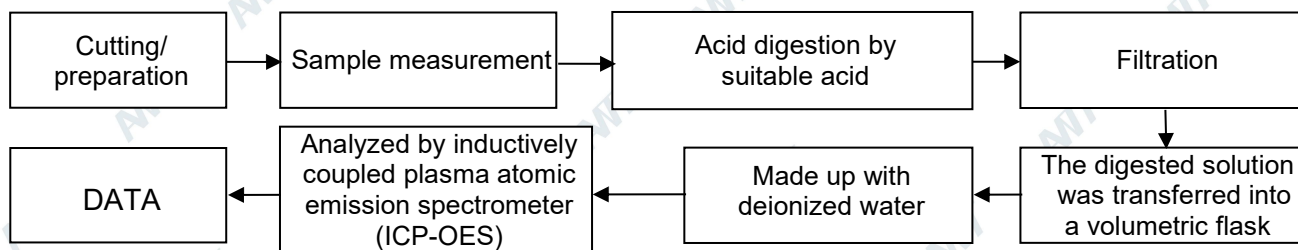
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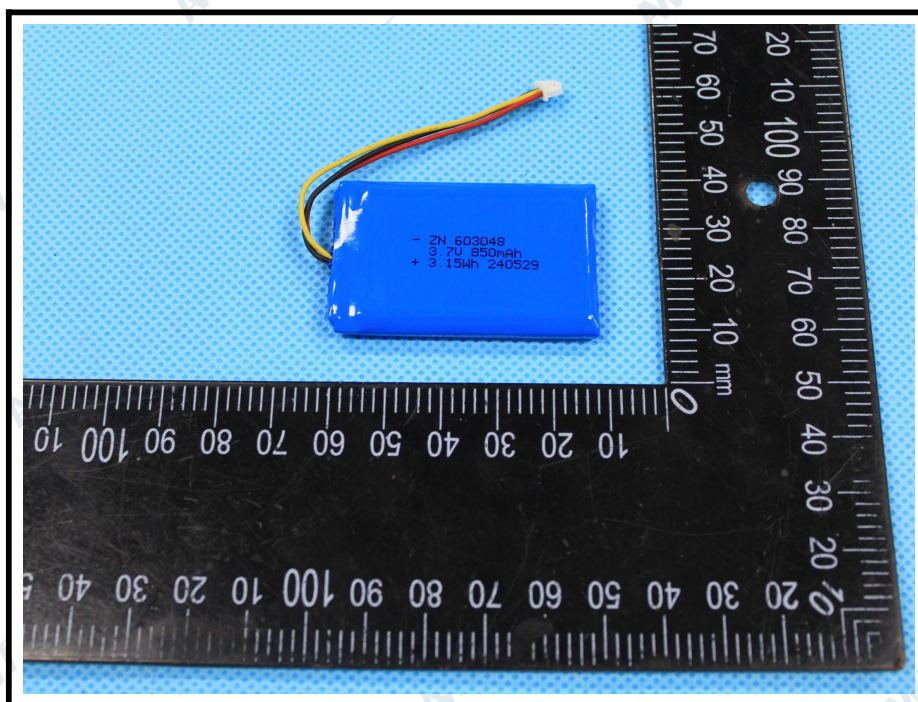
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Appendix

1. Test Flowchart for Pb / Cd /Hg contents



The photo of the sample

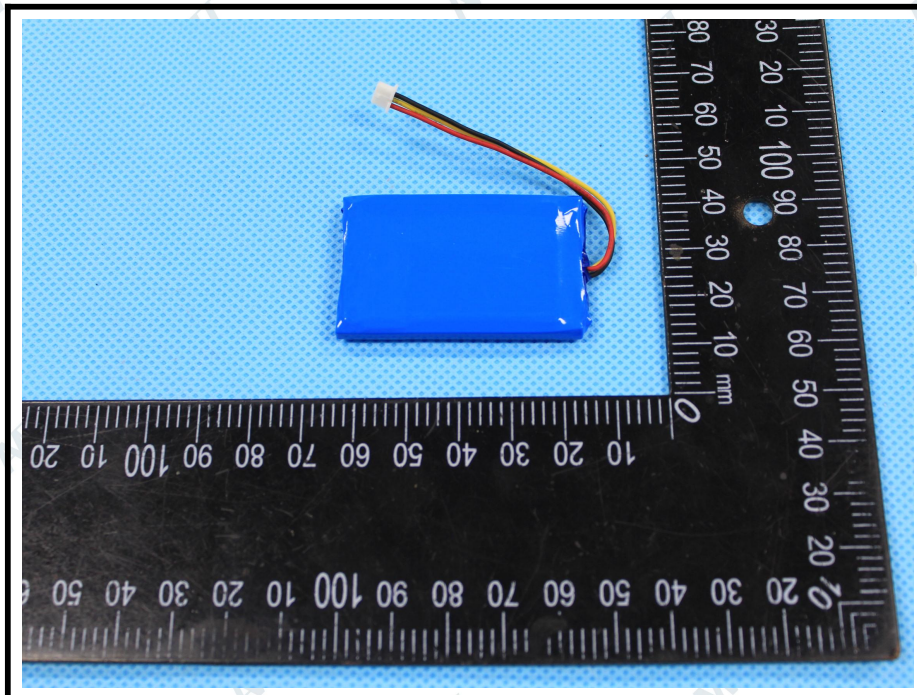




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ANT authenticate the photo on original report only

Statement:

1. The test report is considered invalidated without approval signature, special seal on the perforation.
2. The result(s) shown in this report refer only to the sample(s) tested.
3. Without written approval of ANT, this report can't be reproduced except in full.
4. The sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which ANT hasn't verified.
5. In case of any discrepancy between the English version and Chinese version of the testing reports (if generated), the Chinese version shall prevail.

*** End of Report ***