

Report No.: SZARR190920010-01

Test Report

Client Name : Hefei zhonghe power new energy technology co. LTD
Address : No.58 yihu west road, high-tech industrial development zone, lujiang county, hefei city, anhui province, China
Product Name : Lithium ion battery
Date : Oct. 21, 2019

Shenzhen Anbotek Compliance Laboratory Limited

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Report No.: SZARR190920010-01

Date: Oct. 21, 2019

Page 1 of 4

Applicant : Hefei zhonghe power new energy technology co. LTD
Address : No.58 yihu west road, high-tech industrial development zone, lujiang county, hefei city, anhui province, China

The submitted sample and sample information was/were submitted and identified by/on the behalf of the client

Sample Name : Lithium ion battery
Model No. : 18650-2500mAh
Manufacturer : Hefei zhonghe power new energy technology co. LTD
Sample Received Date : Sept. 20, 2019
Testing Period : Sept. 20, 2019 to Sept. 27, 2019

Test Requested : As specified by client, in accordance with the EU Directive 2006/66/EC and amended directive 2013/56/EU, to test the Lead(Pb), Cadmium(Cd) and Mercury(Hg) in the submitted sample(s).

Test Method:

Tested Item(s)	Test Method	Measured Equipment(s)
Lead(Pb)/ Cadmium(Cd)	IEC 62321-5:2013	ICP-OES
Mercury(Hg)	IEC 62321-4:2013+AMD1:2017	ICP-OES

Test Result(s): Please refer to the following page(s).

Conclusion : The test results show that the submitted sample complies with the requirement of EU Directive 2006/66/EC and amended directive 2013/56/EU.

Edited by Yugu Sun

Reviewed by Rose Feng

Authorized Signatory Leo Li



Test Report

Report No.: SZARR190920010-01

Date: Oct. 21, 2019

Page 2 of 4

Tested Sample/Part Description:

Battery

Test Result(s):

Tested Item(s)	Result (%)	MDL (%)
Lead (Pb)	N.D.	0.0002
Cadmium (Cd)	N.D.	0.0002
Mercury (Hg)	N.D.	0.00005

Note:

-MDL = Method Detection Limit

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

-%= Percentage by weight

-Results shown are of total weight of the battery sample.

Remark:

According to EU Directive 2006/66/EC and amended directive 2013/56/EU.

- Without prejudice to directive 2000/53/EC, Member States shall prohibit the placing on the market of:
 - All batteries or accumulators, whether or not incorporated into appliances, that contain more than 0.0005% of mercury by weight.
 - Portable batteries or accumulators, including those incorporated into appliances, that contain more than 0.002% of cadmium by weight.
- The prohibition set out in paragraph 1(a) shall not apply to portable batteries and accumulators intended for use in:
 - Emergency and alarm systems, including emergency lighting;
 - Medical equipment;
- Batteries, accumulators and button cells containing more than 0.004% lead, shall be marked with the chemical symbol for the metal concerned: Pb.



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Report No.: SZARR190920010-01

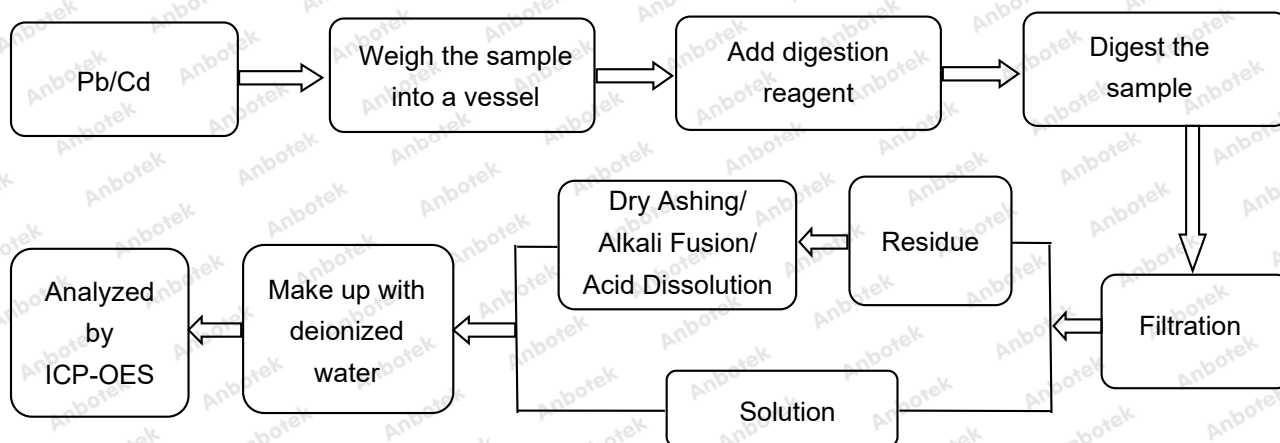
Date: Oct. 21, 2019

Page 3 of 4

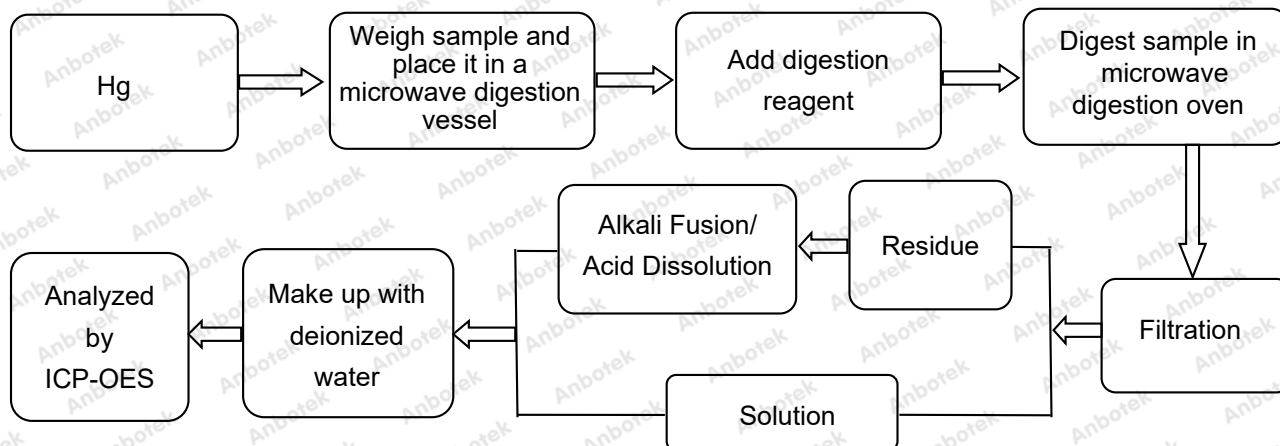
Test Process:

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

◆ IEC 62321-5:2013



◆ IEC 62321-4:2013+AMD1:2017



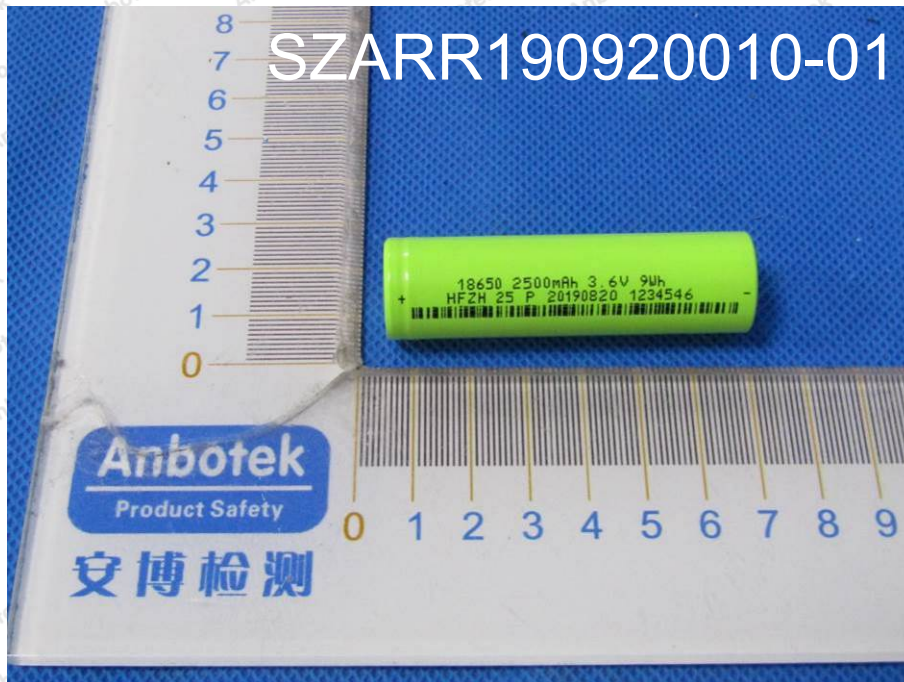
Test Report

Report No.: SZARR190920010-01

Date: Oct. 21, 2019

Page 4 of 4

Photograph of Sample



***** End of Report *****

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of Anbotek, this report can't be reproduced except in full.

