

# Test Report

No. SZR161107019001M1

Date: Nov. 22, 2016

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Applicant :

Address :

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

Sample name : Battery

Type /model : 401119

Manufacturer : /

Sample received date : Nov. 07, 2016

Testing period : Nov. 07, 2016 to Nov. 14, 2016

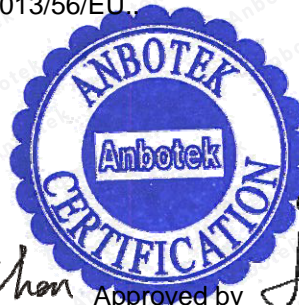
Test requested : As specified by client, to test the Lead(Pb), Cadmium(Cd) and Mercury(Hg) in the submitted sample(s) .

## Test Method:

Tested Item(s)	Test Method	Measured Equipment(s)
Lead(Pb)/ Cadmium(Cd)	IEC 62321-5:2013 Ed.1.0	ICP-OES
Mercury(Hg)	IEC 62321-4:2013 Ed.1.0	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.




Tested by Zinc Yan

Inspected by Sahon Chan

Approved by Joe Li

## Shenzhen Anbotek Compliance Laboratory Limited

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## Tested Sample/Part Description:

Battery

## Test Result(s):

Tested Item(s)	Result (%)	MDL (%)
Lead (Pb)	0.0020	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

-The test report SZR161107019001M1 supersedes the test report SZR161107019001 which is withdrawn.

## 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 button cells with a mercury content of no more than 2% by weight.
- The prohibition set out in paragraph 1(b) 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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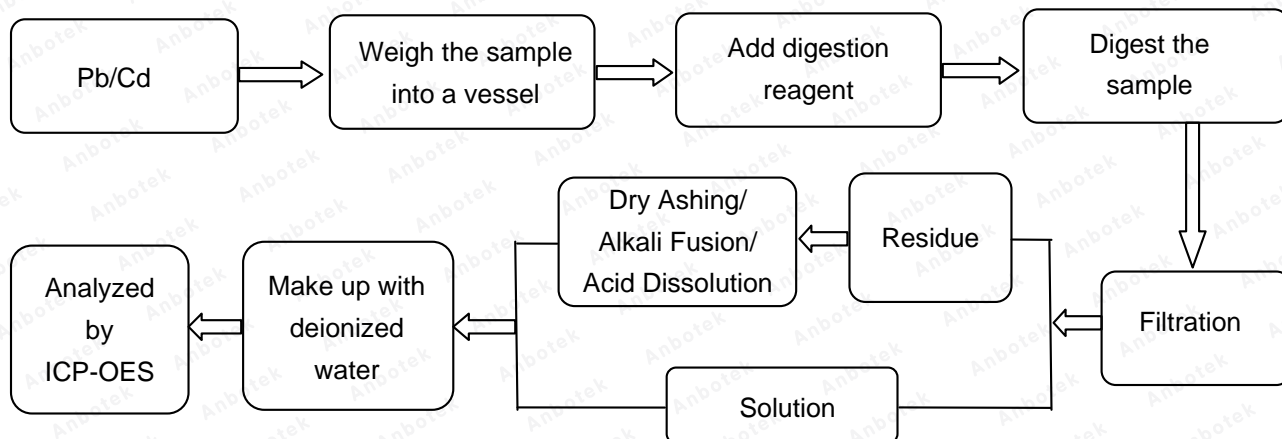
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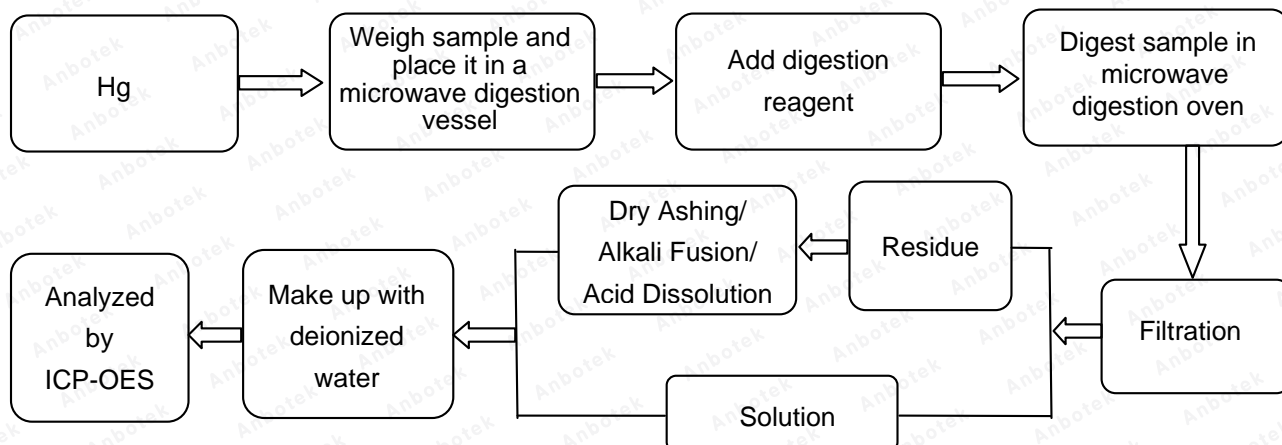
## Test Process:

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

### ◆ IEC 62321-5:2013 Ed.1.0



### ◆ IEC 62321-4:2013 Ed.1.0





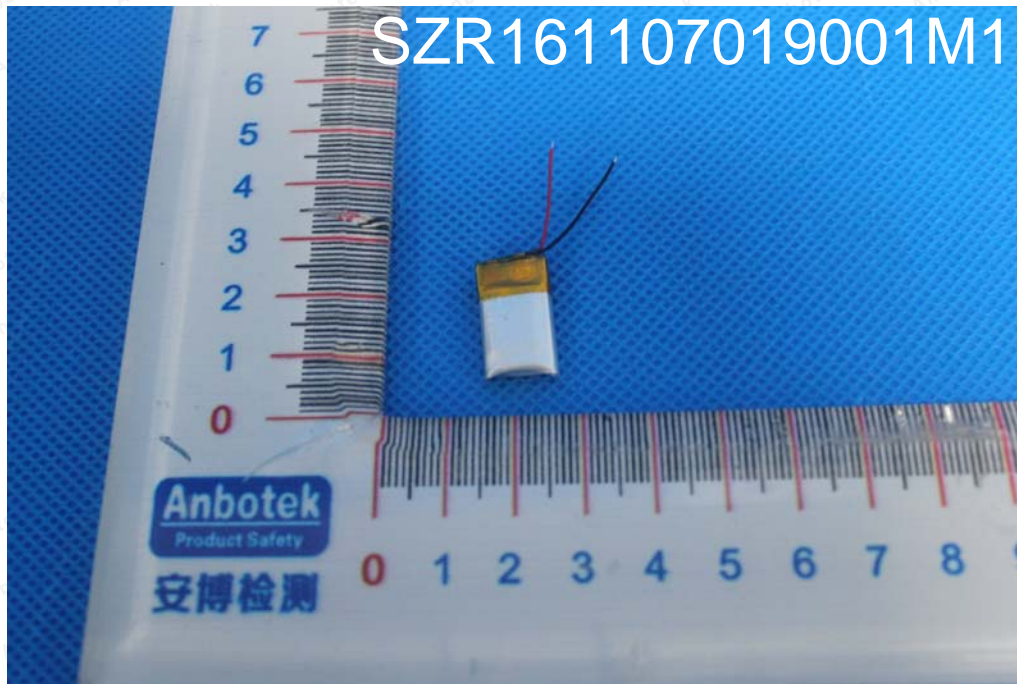
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## Photograph of Sample



\*\*\*\*\* 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.

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