

Test Report

No. BCTC-FYC170091893R

Date: Sep. 08, 2017

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Applicant : SHENZHEN XTAR ELECTRONICS CO., LTD.
Address : 5th Floor, No.77 Xinhe Rd, Shangmugu, Pinghu Area, Longgang District, Shenzhen, Guangdong, China

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

Sample name : Rechargeable Li-ion Battery

Type /model : 18650 3500mAh

Trademark : 

Manufacturer : SHENZHEN XTAR ELECTRONICS CO., LTD.

Address : 5th Floor, No.77 Xinhe Rd, Shangmugu, Pinghu Area, Longgang District, Shenzhen, Guangdong, China

Sample received date : Sep. 04, 2017

Testing period : Sep. 04, 2017 - Sep. 08, 2017

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

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

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

*****For more detailed information, please refer to the next page*****

Tested by




Approved by



Lab:Shenzhen BCTC Testing Co.,Ltd.

Add:BCTC Building & 1-2F,East of B Building,pengzhou Industrial, Fuyuan 1st Road, Qiaotou Community, Fuyong Street , Bao ' an District, Shenzhen, China

Tel : (86) 0755-33229357 Fax : 0755-33229357

 **Hotline**
400-788-9558
www.bctc-lab.com.cn

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Tested Sample/Part Description:

- 1 Blue battery
- 2 Red battery

Test Result(s):

Tested Item(s)	Result(%)		MDL(%)
	1	2	
Lead (Pb)	N.D.	N.D.	0.0002
Cadmium (Cd)	N.D.	N.D.	0.0002
Mercury (Hg)	N.D.	N.D.	0.00005

Note:

-MDL = Method Detection Limit

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

-%= Percentage by weight

Remark:


According to EU Directive 2006/66/EC and amending the content 2013/56/EU.

1. Without prejudice to directive 2000/53/EC, Member States shall prohibit the placing on the market of :
 - (a) All batteries or accumulators, whether or not incorporated into appliances, that contain more than 0.0005% of mercury by weight;
 - (b) Portable batteries or accumulators, including those incorporated into appliances, that contain more than 0.002% of cadmium by weight.
2. 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.
3. The prohibition set out in paragraph 1(b) shall 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.
4. 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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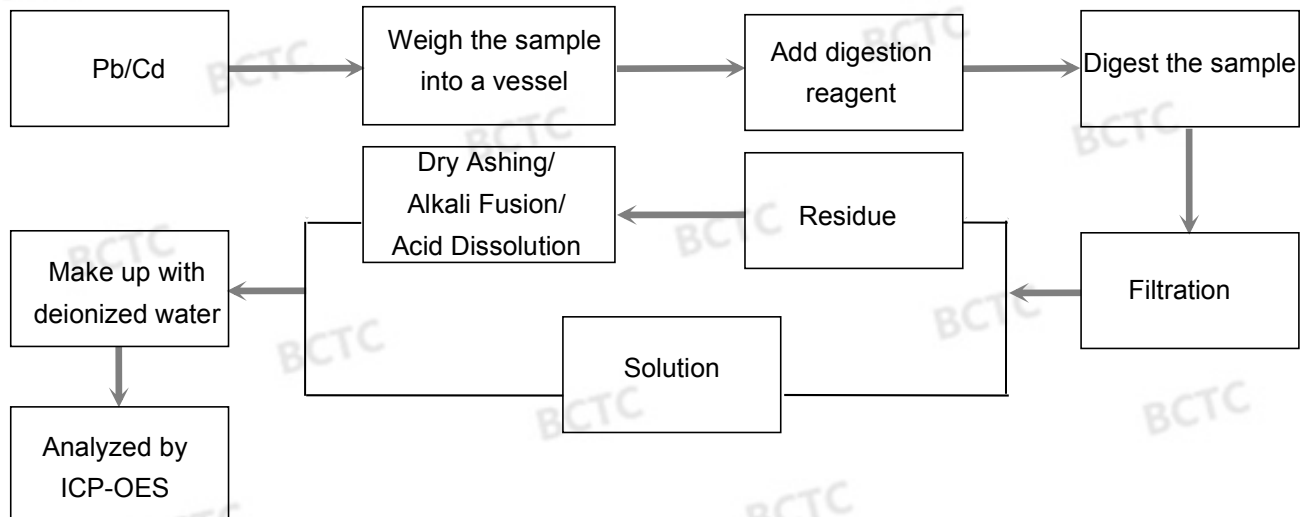
Date: Sep. 08, 2017

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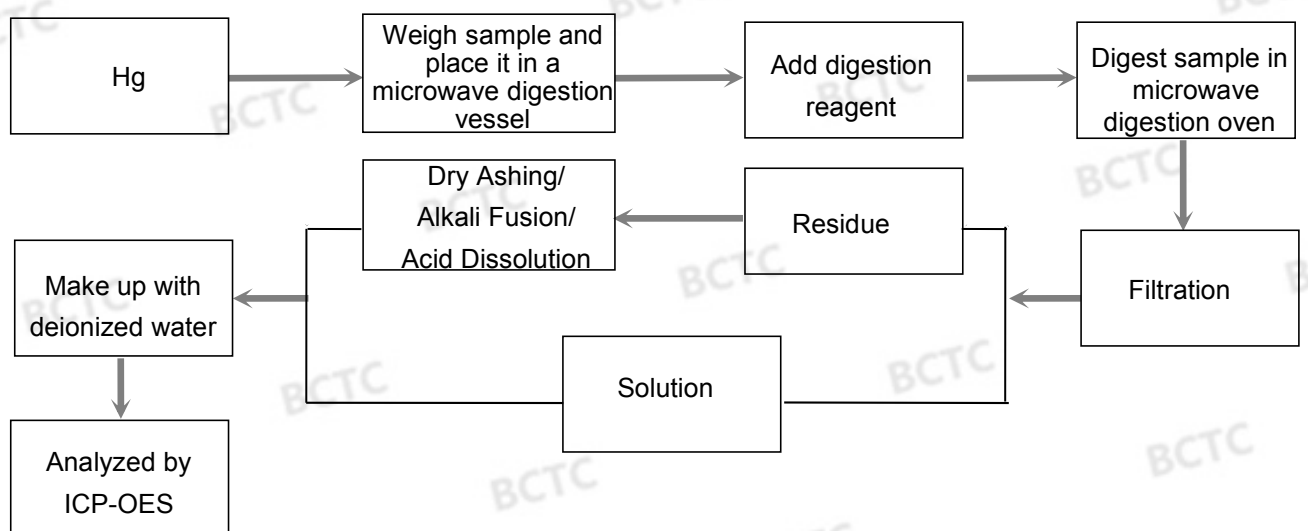
Test Process:

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 *****