

TEST REPORT

Applicant: Far East First New Energy Co.,Ltd.
Address: No.39, Jingfa Road, Economic and Technological Development Zone,
336000 Yichun City, Jiangxi Province, China

The following sample(s) was/were submitted and identified on behalf of the client as:

Product name: Lithium-ion Rechargeable Cell
Model: FST 18650-2000mAh
Manufacturer: Far East First New Energy Co.,Ltd.
Address: No.39, Jingfa Road, Economic and Technological Development Zone,
336000 Yichun City, Jiangxi Province, China
Factory: Far East First New Energy Co.,Ltd.
Address: No.39, Jingfa Road, Economic and Technological Development Zone,
336000 Yichun City, Jiangxi Province, China

Sample Received Date: Jan. 07, 2019
Testing Period: Jan. 07, 2019 ~ Jan. 17, 2019

Test Requirement:

As specified by client, to test Lead(Pb), Cadmium(Cd), Mercury(Hg) in the submitted sample(s) according to the requirement with Directive 2006/66/EC and amendment 2013/56/EU.

Conclusion:

Pass

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

Test Method: Please refer to the following page(s);

Compiled by: _____



Reviewed by: _____



Approved by: _____



Date: _____

2019-01-17

Test Result(s)

Test Item(s)	Limit ,mg/kg	Result(s),mg/kg
Lead(Pb)	<40*	N.D.
Cadmium(Cd)	<20	N.D.
Mercury(Hg)	<5	N.D.

Sample Description: Battery

Note:

- 1mg/kg=1ppm = 0.0001%
- N.D. = Not Detected (<MDL)
- MDL = Method Detection Limit

Remark: According to EU Directive 2006/66/EC and amendment 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% (5mg/kg) of mercury by weight.
 - (b) portable batteries or accumulators, including those incorporated into appliances, that contain more than 0.002% (20mg/kg) of cadmium by weight.
2. 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; or
 - (b) medical equipment.
3. *Batteries, accumulators and button cells containing more than 0.004% (40mg/kg) of lead, shall be marked with the chemical symbol for the metal concerned: Pb.

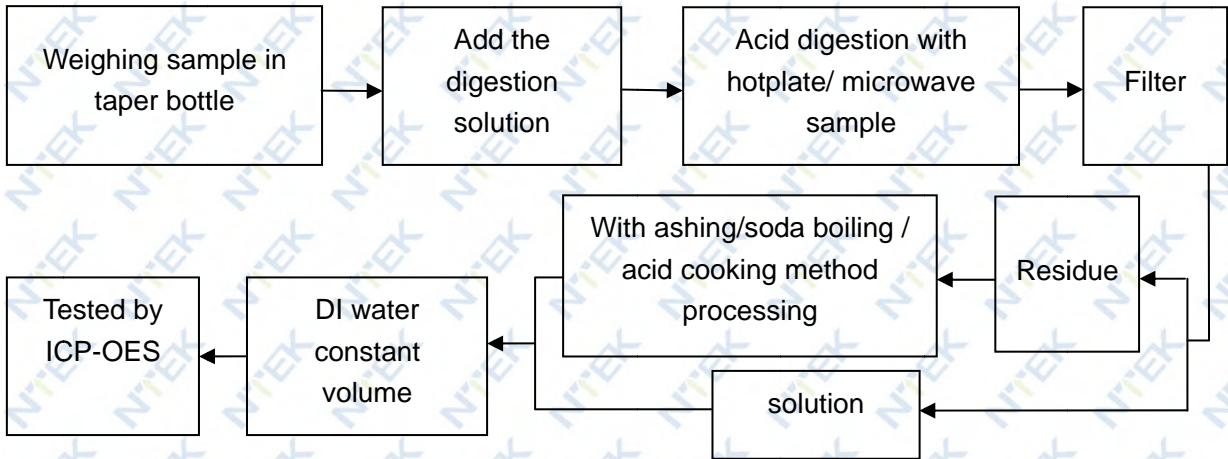
Test Method

Testing Item(s)	Test Method	Test instrument	MDL
Lead(Pb)	Refer to: IEC 62321-5:2013	ICP-OES	2 mg/kg
Cadmium(Cd)	Refer to: IEC 62321-5:2013	ICP-OES	2 mg/kg
Mercury(Hg)	Refer to: IEC 62321-4:2013	ICP-OES	0.5mg/kg

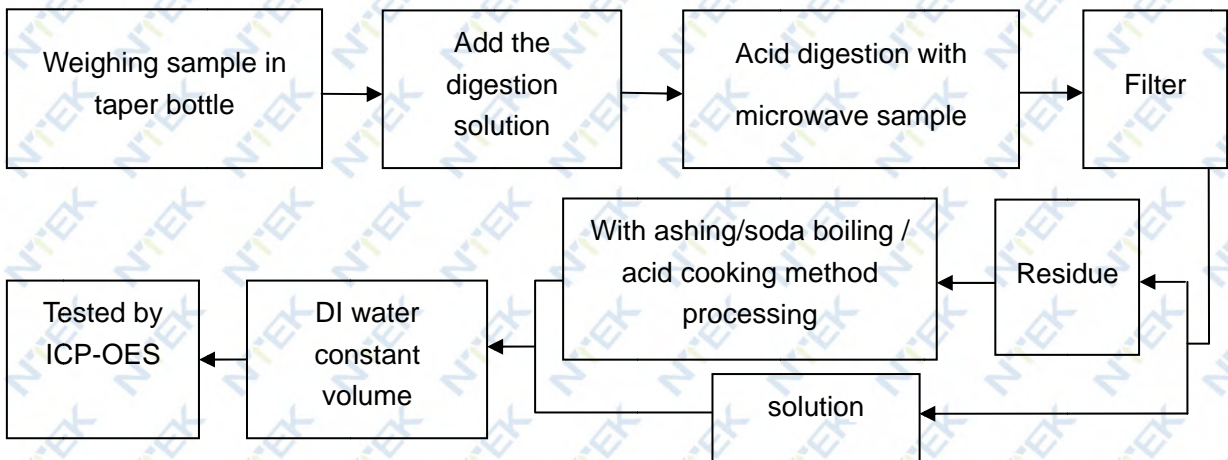
Test Flow

Tested By: Wu

1. Lead(Pb), Cadmium(Cd)



2. Mercury (Hg)



Sample photo(s):



Fig.1

****End of Report****

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