

TEST REPORT

Applicant: SHENZHEN GMCELL TECHNOLOGY CO.,LTD
Address: G Building, Hualian Panorama International Building, Xin'an Street, Bao'an District, Shenzhen, P.R.China

The following samples were submitted and identified on the behalf of the client

Product Name: Alkaline Battery
Model Number: AA LR6
Trade mark: GMCELL
Manufacturer: SHENZHEN GMCELL TECHNOLOGY CO.,LTD
Address: G Building, Hualian Panorama International Building, Xin'an Street, Bao'an District, Shenzhen, P.R.China
Date of Receipt: Nov. 21,2025
Date of Test: Nov. 21,2025 - Nov. 25,2025
Date of Report: Dec. 17,2025
Test Results: Please refer to next page(s).

Summary of Test Result(s):

Test Requested

Conclusion

As specified by client, to determine the Lead, Cadmium & Mercury content in the submitted sample(s) in accordance with European Commission Regulation (EU) 2023/1542 concerning batteries and waste batteries.

PASS

Responsible testing laboratory:
BTF Testing Lab (Shenzhen) Co., Ltd.

Prepared by :

Abella Zhang

Abella Zhang
Report preparation

Approved by:



Henson Xing
Lab manager

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BTF Testing Lab (Shenzhen) Co., Ltd.

101/201/301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Subdistrict, Bao'an District, Shenzhen, China

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Sample Description:

No.	Description
1	Battery

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+AMD1:2017 Ed.1.0	ICP-OES

Test Result(s):**Lead, Cadmium & Mercury content -(EU) 2023/1542**

Tested Item(s)	Result(%)	MDL (%)	Limit (%)
	1		
Lead (Pb)	N.D	0.0002	0.01
Cadmium (Cd)	N.D	0.0002	0.0020
Mercury (Hg)	N.D	0.00005	0.0005

Note:

-MDL = Method Detection Limit

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

-%= Percentage by weight

Remark:

According to EU Directive (EU) 2023/1542 and concerning batteries and waste batteries, amending Directive 2008/98/EC and Regulation (EU)2019/1020 .

RESTRICTION ON SUBSTANCES

1. Batteries, whether or not incorporated into appliances, light means of transport or other vehicles, shall not contain more than 0,0005 % of mercury (expressed as mercury metal) by weight.
2. Portable batteries, whether or not incorporated into appliances, light means of transport or other vehicles, shall not contain more than 0,002 % of cadmium (expressed as cadmium metal) by weight.
3. (a).From 18 August 2024, portable batteries, whether or not incorporated into appliances, shall not contain more than 0,01 % of lead (expressed as lead metal) by weight.
(b).The restriction set out in point 1 shall not apply to portable zinc-air button cells until 18 August 2028
- 4.All entrusted information in this report is provided by the client and has been confirmed through consultation with the client; The testing items for this report have been discussed and confirmed with the client, and our company is only responsible for the content reflected in the report.

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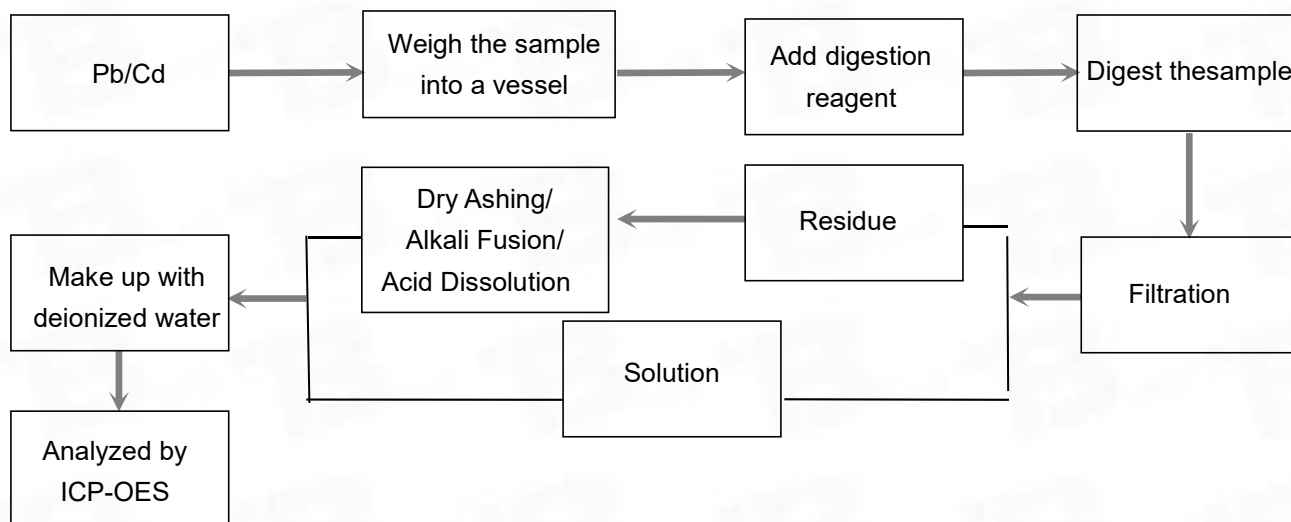
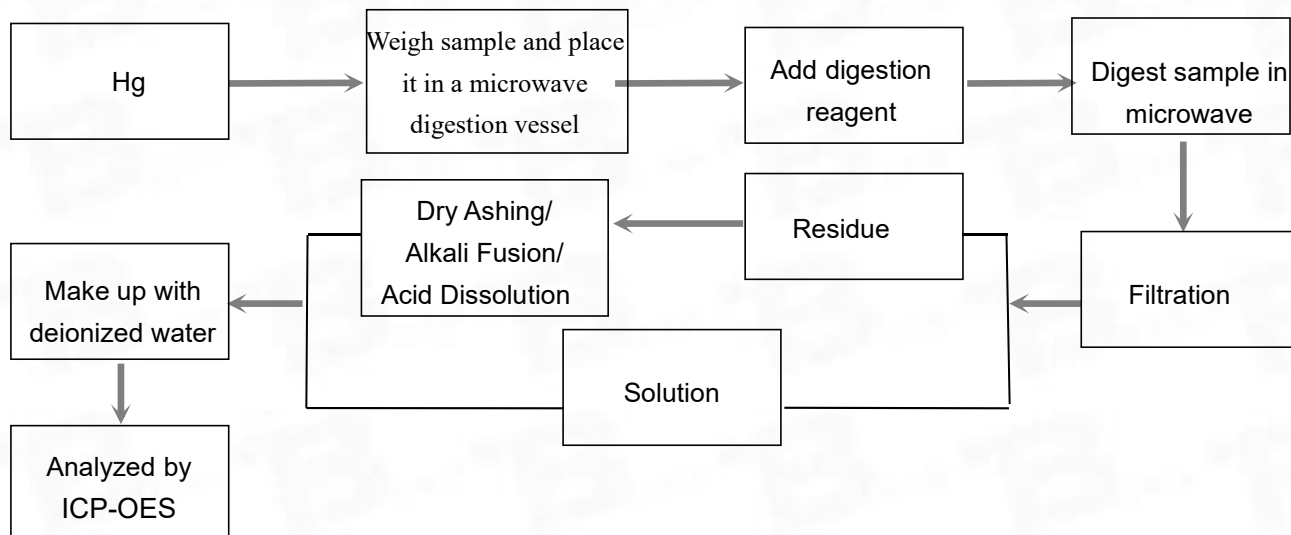
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Test Process:

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

◆IEC 62321-5:2013 Ed.1.0**◆IEC 62321-4:2013+AMD1:2017 Ed.1.0**

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Photo documentation

***** End Of Test Report *****

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