



Test Report

No.: CANEC23017336902

Date: Jan 03, 2024

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Client Name:

Client Address:

Sample Name: 0% HG MERCURY FREE ALKALINE ZINCMANGANESE BUTTON CELL

Model No.: LR44

Client Ref. Information: AG13/LR44/357/A76,LR44(EXP),LR44(HG,PB),AG12/LR43/386/186,AG11/LR721/362/162,AG10/LR1130/189/LR54,AG9/LR936/394/194,AG8/1120/391/191,AG7/LR927/395/195,AG6/L920/371/171,LR921,AG5/LR754/393/193,AG4/LR626/SR626/377/177,AG3/LR41/392/192,AG2/LR726/SR726/196,AG1/LR621/364/164,AGO/LR521/SR521,LR932,LR732,LR632

The above sample(s) and information were provided by the client.

SGS Job No.: GZP23-023368

Sample Receiving Date: Dec 25, 2023

Testing Period: Dec 25, 2023 ~ Jan 02, 2024

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

Test Requirement	Conclusion
Annex I of Regulation (EU) 2023/1542– Heavy Metals Content in batteries and waste batteries	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Annie Ren

Annie Ren
Approved Signatory

scan to see the report



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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN23-0173369-0001.C001	Button cell

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Annex I of Regulation (EU) 2023/1542– Heavy Metals Content in batteries and waste batteries

Test Method: SGS In House Method (GZTC CHEM-TOP-068), analysis was performed by ICP-OES or AAS or Hg-analyzer.

Test Item(s)	Limit	Unit(s)	MDL	A1
Lead(Pb)	0.01	%	0.0010	ND
Cadmium(Cd)	0.002	%	0.0010	ND
Mercury(Hg)	0.0005	%	0.0001	ND
Conclusion				Pass

Notes:

Column 1 Designation of the substance or group of substances	Column 2 Conditions of restriction
1. Mercury CAS No 7439-97-6 EC No 231-106-7 and its compounds	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. Cadmium CAS No 7440-43-9 EC No 231-152-8 and its compounds	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. Lead CAS No 7439-92-1 EC No 231-100-4 and its compounds	1. 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. 2. The restriction set out in point 1 shall not apply to portable zinc-air button cells until 18 August 2028.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.



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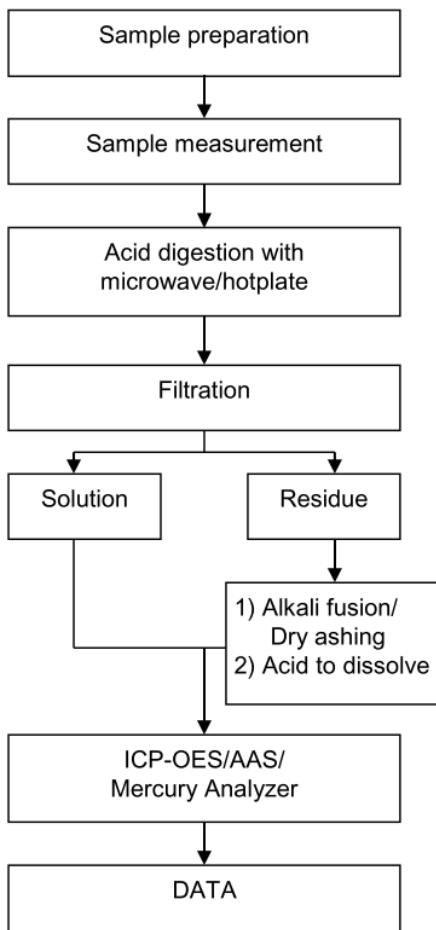
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Battery Testing Flow Chart



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Sample Photo:



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*** End of Report ***



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