

# Test Report

No.: SZXEC24000038101

Date: Jan 10, 2024

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Client Name:

Client Address:

Sample Name: ALKALINE BUTTON CELL

Model No.: LR44

Client Ref. Information: AG0(LR521), AG1(LR621), AG2(LR726), AG3(LR41), AG4(LR626), AG5(LR750), AG6(LR920), AG7(LR926), AG8(LR1120), AG9(LR936), AG10(LR1130), AG11(LR721), AG12(LR43), AG13(LR44), LR932, LR732, LR927, 23A(L1028), 27A(L828), SR416SW/337, SR516SW/317, SR521SW/379, SR527SW/319, SR616SW/321, SR621SW/364, SR626SW/377, SR716SW, SW721SW/361, SR726SW/397, SR41SW/392, SR916SW, SR920SW/370, SR927SW/399, SR936SW/394, SR1120SW/391, SR1130SW/389, SR43SW/386, SR44SW/357

Sample Type: Portable non-zinc-air button cell

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

SGS Job No.: SZP24-000446

Sample Receiving Date: Jan 04, 2024

Testing Period: Jan 04, 2024 ~ Jan 10, 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. Shenzhen Branch

Andy Ni  
Approved Signatory

scan to see the report



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SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch Testing Center Chemical Laboratory

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**Test Result(s):**

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A	SZX24-0000381-0001	"Battery"

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, analysis was performed by ICP-OES or AAS or Hg-analyzer.

Test Item(s)	Limit	Unit(s)	MDL	A
Lead(Pb)	0.01	%	0.0010	ND
Cadmium(Cd)	0.002	%	0.0010	ND
Mercury(Hg)	0.0005	%	0.0001	ND
<b>Conclusion</b>				<b>Pass</b>

**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.



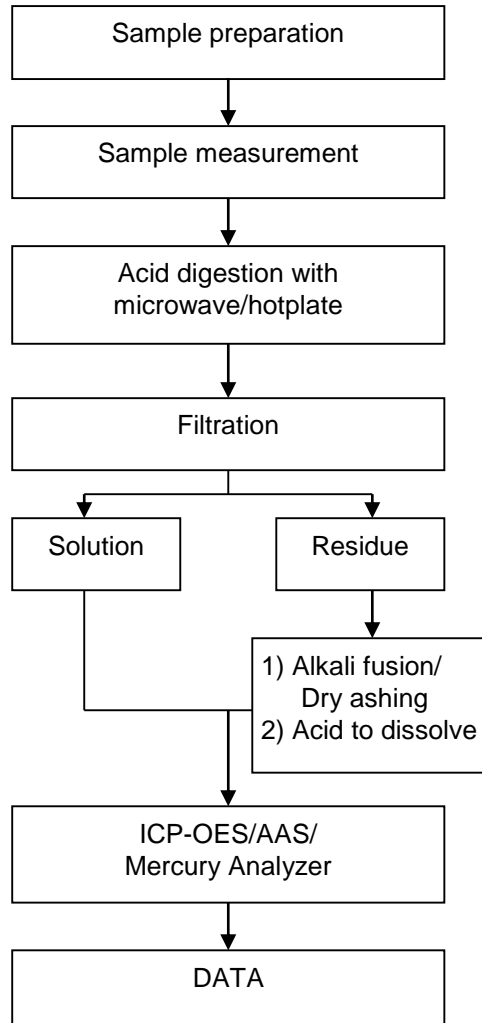
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### Battery Testing Flow Chart



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### Sample Photo:



SGS authenticate the photo on original report only  
\*\*\* End of Report \*\*\*



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