

## Test Report

No.: CANEC24029839601\_1

Date: Jan 09, 2025

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Client Name:

Client Address:

Sample Name: AG13/LR44/357A Button cell battery

Model No.: AG13/LR44/357A

Client Ref. Information: AG0/LR521/379A;AG1/LR621/364A;AG2/LR726/396A;AG3/LR41/392A;AG4/LR626/377A;AG5/LR754/393A;AG6/LR921/371A;AG7/LR927/395A;AG8/LR1120/391A;AG9/LR936/394A;AG10/LR1130/389A;AG11/LR721/362A;AG12/LR43/386A;AG13/LR44/357A

Sample Type: Portable battery (non-zinc-air button cell)

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

**THIS REPORT IS TO SUPERSEDE TEST REPORT NO.CANEC24029839601, DATE: Jan 07, 2025.**

SGS Job No.: GZP24-042022

Sample Receiving Date: Dec 31, 2024

Testing Period: Dec 31, 2024 ~ Jan 07, 2025

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

Allie Chen

Allie Chen  
Approved Signatory

scan to see the report



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SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch Technical Services Laboratory

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## Test Result(s):

### Test Part Description:

| SN ID | Sample No. | SGS Sample ID           | Description |
|-------|------------|-------------------------|-------------|
| SN1   | A1         | CAN24-0298396-0001.C001 | 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          |
| <b>Conclusion</b> |        |         |        | <b>Pass</b> |

### Notes:

- (1) Restriction on substances

| Column 1 Designation of the substance or group of substances        | Column 2 Conditions of restriction                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Mercury<br>CAS No 7439-97-6<br>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<br>CAS No 7440-43-9<br>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<br>CAS No 7439-92-1<br>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.<br>2. The restriction set out in point 1 shall not apply to portable zinc-air button cells until 18 August 2028. |

(2) According to the EU New Battery Regulation (EU) 2023/1542, portable batteries (non portable zinc-air button cells) containing between 0,004 %-0.01 % lead, shall be marked with the chemical symbol for the metal concerned: Pb.

This report updates Sample Photo.

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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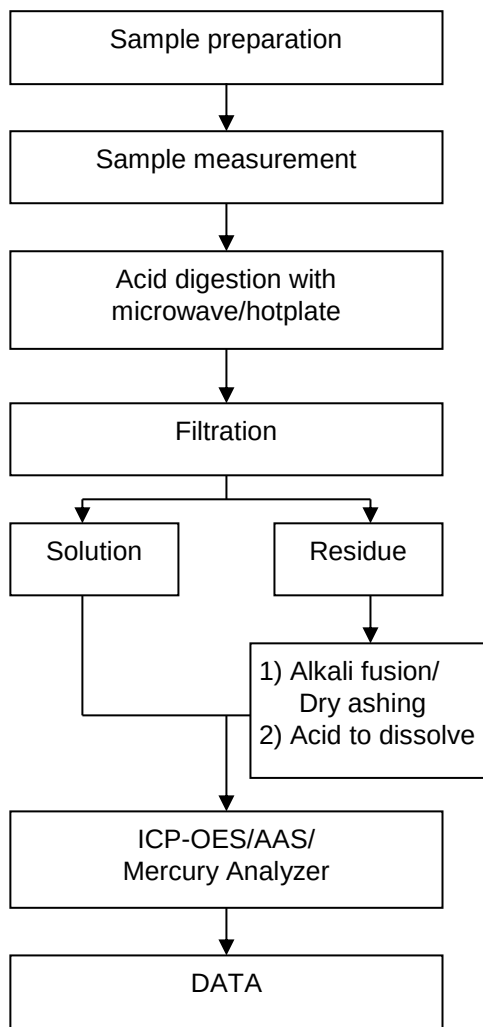
## Test Report ATTACHMENTS

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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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