

# 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 Standards Technical Services Co., Ltd. Guangzhou Branch

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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 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.

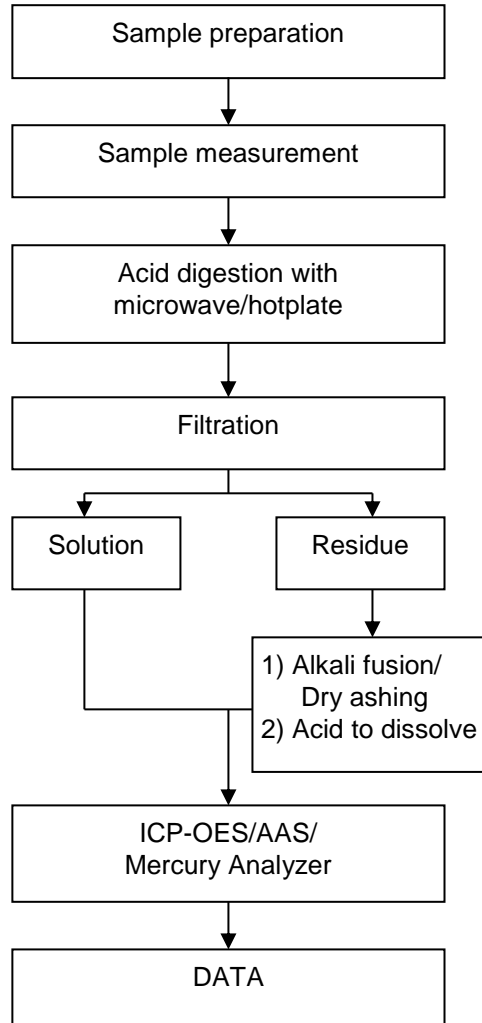
(2) According to the EU New Battery Regulation (EU) 2023/1542, portable batteries (non portable zinc-air button cells) containing between 0,004 %-0.01 % lead, shall be marked with the chemical symbol for the metal concerned: Pb.

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.



## Battery Testing Flow Chart



## Test Report

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### Sample Photo:



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



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