

Test Report

No.: CANEC26013369003

Date: Jun 18, 2026

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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.

SGS Job No.: GZP26-012969

Sample Receiving Date: May 22, 2026

Testing Period: May 22, 2026 ~ Jun 04, 2026

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
Directive 2006/66/EC and its amendments, capacity labelling rules Regulation (EU) No 1103/2010, Regulation (EU) No 2023/1542 Article 13(4) & 13(5) – Labelling	Pass
REGULATION (EU) No 2023/1542 Article 13(1) & 13(2) & 13(3) - Labelling	See result(s)
REGULATION (EU) No 2023/1542 Article 19 & 20 - CE marking	Pass

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

Tyler Zhang

Tyler-Y Zhang

Approved Signatory

Scan to see the report



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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	CAN26-0133690-0001.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, 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:

- (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.



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Directive 2006/66/EC and its amendments, capacity labelling rules Regulation (EU) No 1103/2010, Regulation (EU) No 2023/1542 Article 13(4) & 13(5) – Labelling

No.	Requirements	Findings	Conclusion
1	Member States shall ensure that all batteries, accumulators and battery packs are appropriately marked with the separate collection symbol: 	The symbol is marked on the packaging.	PASS
2	Member States shall ensure that the capacity of all portable and automotive batteries and accumulators is indicated on them in a visible, legible and indelible form by 26 September 2009. For portable secondary (rechargeable) and automotive batteries and accumulators, COMMISSION REGULATION (EU) No 1103/2010 ANNEX III regulates information contained on capacity labels.	Battery type: primary battery or accumulator	N/A (Capacity requirement is not yet published)
3	Batteries containing more than 0,002 % cadmium or more than 0,004 % lead, shall be marked with the chemical symbol for the metal concerned: Cd or Pb. The chemical symbol shall be printed beneath the separate collection symbol and shall cover an area of at least one-quarter the size of whole that symbol.	Battery type: portable batteries Results of Cd, Pb: Cd: ND Pb: ND No chemical symbol marked	PASS



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No.	Requirements	Findings	Conclusion
4	Where the size of the battery, accumulator or battery pack is such that the symbol would be smaller than 0,47 × 0,47 cm, the battery, accumulator or battery pack need not be marked but a symbol measuring at least 1 × 1 cm shall be printed on the packaging.	Battery type: The size of the battery, accumulator or battery pack is such small. Symbol size on the packaging: 2.9 x 2.9 cm	PASS

Remark :

- 1) PASS = Meet the requirement
- 2) FAIL = Does not meet the requirement
- 3) N/A = Not applicable
- 4) The capacity label review on the report does not contain the determination of capacity.



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REGULATION (EU) No 2023/1542 Article 13(1) & 13(2) & 13(3) – Labelling (Implementation date: 2026/8/18)

Labels on battery packaging and accompanying documents				
Battery Type	Requirements		Findings	Conclusion
All batteries	Shall containing the general information	information identifying the manufacturer in accordance with Article 38(7)	Present	Pass
		the battery category and information identifying the battery in accordance with Article 38(6)	Present	Pass
		the place of manufacture (geographical location of a battery manufacturing plant)	Present	Pass
		the date of manufacture (month and year)	Present	Pass
		the weight	Present	Pass
		the capacity	NA	NA(Disposable batteries not applicable)
		the chemistry	Present	Pass
		the hazardous substances present in the battery, other than mercury, cadmium or lead	Present	Pass
		usable extinguishing agent	Present	Pass
		critical raw materials present in the battery in a concentration of more than 0,1 % weight by weight	Present	Pass
Rechargeable portable batteries, LMT batteries and SLI batteries	Shall bear the capacity label		NA	NA(Only applicable to rechargeable portable batteries)
Non-rechargeable portable batteries	Shall containing information on their minimum average duration when used in specific applications		Present	Pass
	Shall indicating 'non-rechargeable'		Present	



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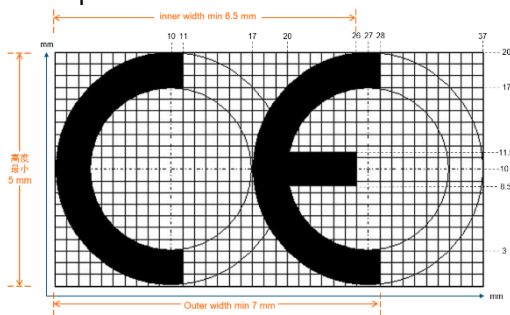
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REGULATION (EU) No 2023/1542 Article 19 & 20 - CE marking

The CE marking shall be subject to the general principles set out in Article 30 of Regulation (EC) No 765/2008.

Requirements		Finding	Conclusion
Location	Shall be affixed visibly, legibly and indelibly to the battery. Where that is not possible or not warranted due to the nature of the battery, it shall be affixed to the packaging and to the documents accompanying the battery.	On packaging and accompanying documents, visibly, legibly and indelibly	Pass
Size	The CE marking shall be at least 5 mm high. If the CE marking is reduced or enlarged, the proportions given in the below graduated drawing shall be respected. 	Height: 46.28 mm Width: 65.53 mm	Pass

Notes:

(1) The evaluation is based on the electronic draft provided by the client, the size changes of sample generated during printing and production, and whether the symbols are difficult to be indelible, have not been evaluated accordingly.

The location of performance of the laboratory activities: A. No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong; B. Room 101, Building 3, No.1501, Kaichuang Avenue, Huangpu District, Guangzhou, Guangdong

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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Sample Photo:



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