

# Test Report

No. CANEC2210531201

Date: 31 May 2022

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Client Name :

Client Address :

Sample Name : CR LITHIUM BUTTON CELL BATTERY

Model No. : CR2032

Client Ref. Info. : SEE REMARK

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

SGS Job No. : CP22-027859 - GZ

Date of Sample Received : 23 May 2022

Testing Period : 23 May 2022 - 31 May 2022

Test Requested : Selected 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).

Result Summary :

Test Requested	Conclusion
European Directive 2006/66/EC and its Article 4 amendment of Directive 2013/56/EU– Heavy Metals Content in Batteries and Accumulators	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 Testing Center Chemical Laboratory.

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Test Result(s) :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN22-105312.001	Button cell

Remarks :

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

**European Directive 2006/66/EC and its Article 4 amendment of Directive 2013/56/EU– Heavy Metals Content in Batteries and Accumulators**

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

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Cadmium (Cd)	0.0020	%(w/w)	0.0010	ND
Lead (Pb)	-	%(w/w)	0.0010	ND
Mercury (Hg)	0.0005	%(w/w)	0.0001	ND

**Comment** **Pass**

Notes :

- (1) Results shown are of total weight of the battery sample.
- (2) According to the European Directive 2006/66/EC and its Article 4 amendment of Directive 2013/56/EU, all types of battery shall include the chemical symbol Lead when containing more than 0.004% of Pb.

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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REMARK:

CR927, CR1025, CR1130, CR1216, CR1220, CR1225, CR1530, CR1616, CR1620, CR1625, CR1632, CR1632H, CR2016, CR2016H, CR2016L, CR2016S, CR2016SC628, CR2025, CR2025H, CR2025L, CR2025S, CR2025SC628, CR2025LED, CR2032, CR2032H, CR2032S, CR2032SC628, CR2032LED, CR2050, CR2320, CR2325, CR2330, CR2332, CR2354, CR2430, CR2450, CR2450H, CR2477, CR2477H, CR3032, CR3032H

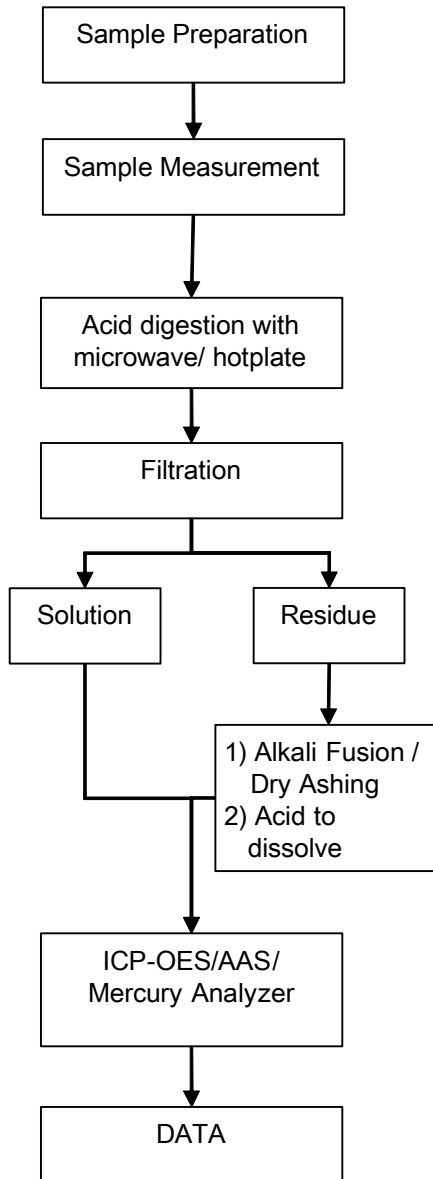


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## ATTACHMENTS

### Battery Testing Flow Chart



Sample photo:



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*

