

Test Report No. CANEC2003748701 Date: 01 Apr 2020 Page 1 of 4

The following sample(s) was/were submitted and identified on behalf of the clients as: Li-ion Rechargeable

Battery

SGS Job No.: CP20-011109 - GZ

Model No.: LIR2032

Client Ref. Info.: Applicant declares, the materials and weight percentage of

below models are exactly same as the tested model: LIR1254,

LIR2025,LIR2450,LIR2477,LIR3048

Date of Sample Received: 25 Mar 2020

Testing Period: 25 Mar 2020 - 01 Apr 2020

Test Requested: Selected test(s) as requested by client.

Test Method: Please refer to next page(s). Test Results: Please refer to next page(s).

Conclusion: The submitted battery sample does not exceed the limit mentioned in European

Directive 2006/66/EC and its Article 4 amendment of Directive 2013/56/EU.

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

Violet,Shi

Approved Signatory

Volet Shi



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Test Results:

## **Test Part Description:**

Specimen No. SGS Sample ID Description
SN1 CAN20-037487.001 Button cell

#### Remarks:

(1) 1 mg/kg = 0.0001%

(2) MDL = Method Detection Limit

(3) ND = Not Detected ( < MDL)

(4) "-" = Not Regulated

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

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

Test Item(s)	<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.



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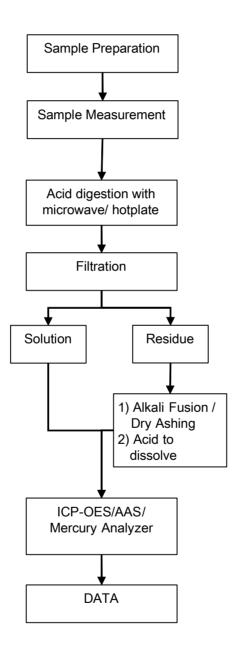
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### **ATTACHMENTS**

## **Battery Testing Flow Chart**





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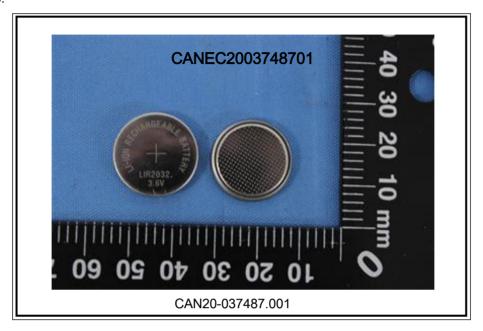
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Sample photo:



SGS authenticate the photo on original report only

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



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