

The following sample(s) was/were submitted and identified on behalf of the clients as : Button lithium battery

SGS Job No. : CP18-002190 - GZ

Model No. : CR2032

Client Ref.Info. : CR632, CR618, CR927, CR1025, CR1130, CR1212, CR1216, CR1220, CR1225, CR1230, CR1616, CR1620, CR1625, CR1632, CR2016, CR2020, CR2025, CR2050, CR2320, CR2325, CR2330, CR2354, CR2430, CR2450, CR2477, CR3032

Date of Sample Received : 12 Jan 2018

Testing Period : 12 Jan 2018 - 19 Jan 2018

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 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



**Test Results :**

**Test Part Description :**

Specimen No.	SGS Sample ID	Description
SN1	CAN18-009859.002	Button cell

**Remarks :**

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

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

**Test Method : Acid digestion method, analysis was performed by ICP-OES.**

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>QQ</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

**Notes :**

- (1) Results shown are of total weight of the battery sample.
- (2) According to the 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.



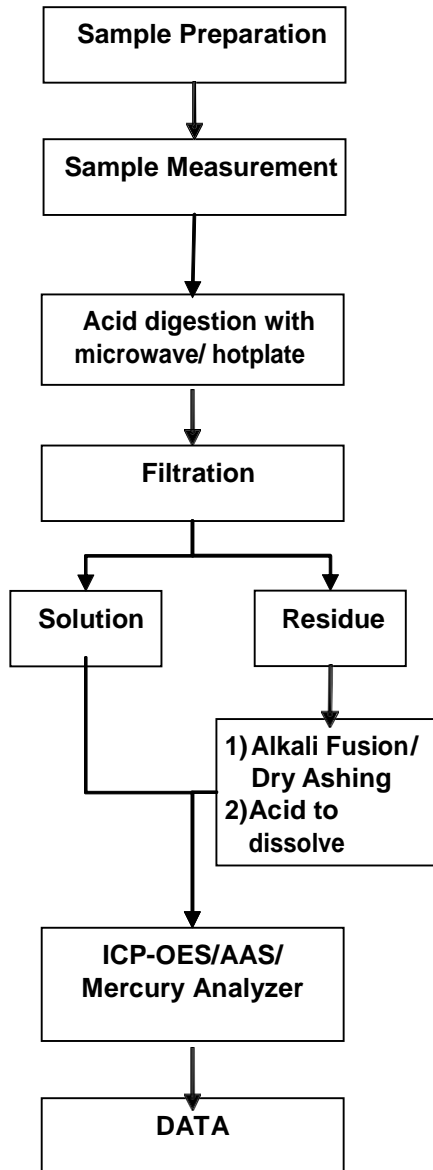
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Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

ATTACHMENTS

Battery Testing Flow Chart

- 1) Name of the person who made testing: Hogan Lv
- 2) Name of the person in charge of testing: Bella Wang



Sample photo:



SGS authenticate the photo on original report only

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