

The following sample(s) was/were submitted and identified on behalf of the clients as : BUTTON CELL

SGS Job No. : CP18-066796 - SZ  
Model No. : Huangguan-LR44 0.%Hg.Pb CELL  
Client Ref. Info. : Applicant declares, the materials and weight percentage of below models are exactly same as the tested model:Huangguan-LR1130/LR41 0.%Hg.Pb CELL  
Date of Sample Received : 13 Dec 2018  
Testing Period : 13 Dec 2018 - 20 Dec 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 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

*Dongyu Xie*

Dongyu Xie  
Approved Signatory



# Test Report

No. CANEC1825923112

Date: 03 Jan 2019

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN18-259231.006	Button cell

Remarks :

- (1) 1 mg/kg = 1 ppm = 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 : Acid digestion method, analysis was performed by ICP-OES.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>006</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

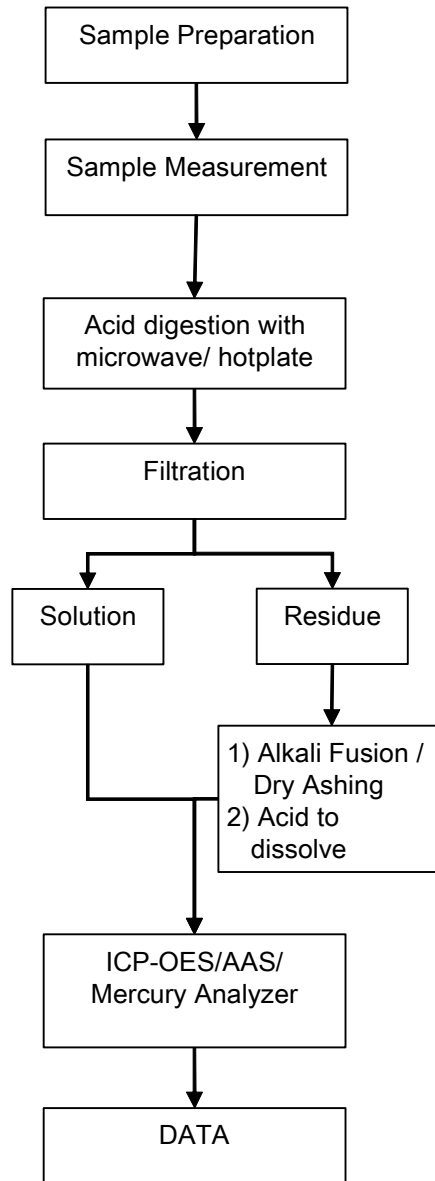
Notes :

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



ATTACHMENTS

Battery Testing Flow Chart



Sample photo:



SGS authenticate the photo on original report only

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