

The following sample(s) was/were submitted and identified on behalf of the clients as : Mercury-free alkaline manganese button cell

SGS Job No. : CP18-002509 - GZ

Model No. : LR44

Client Ref. Info. : Applicant declares, the materials and weight percentage of below models are exactly same as the tested model:LR621,AG1,LR626 LR626(CG),AG4,LR41,LR41(CG),AG3,LR1130,LR1130(CG), AG10,LR43,AG12,LR44,LR44(CG),AG13,LR732,LR932

Date of Sample Received : 15 Jan 2018

Testing Period : 15 Jan 2018 - 19 Jan 2018

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

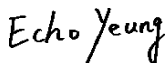
Test Method : Please refer to next page(s).

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

Echo Yeung



Approved Signatory



Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN18-010903.001	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>00</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.



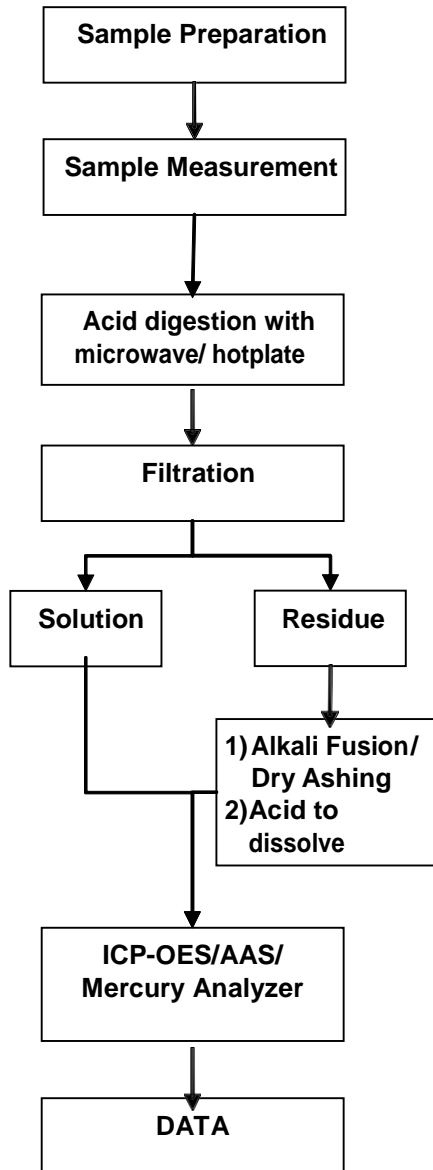
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ATTACHMENTS

Battery Testing Flow Chart

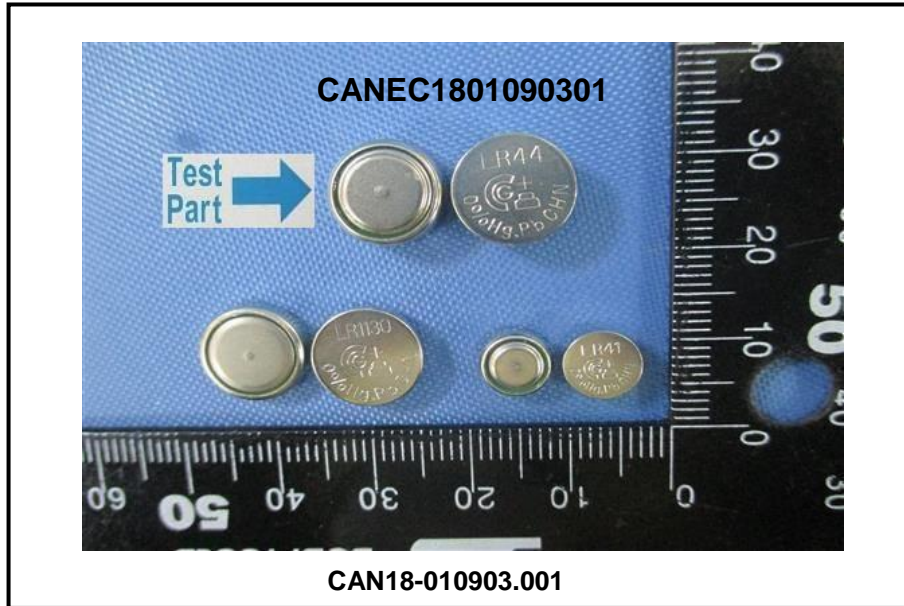
- 1) Name of the person who made testing: Hogan Lv
- 2) Name of the person in charge of testing: Bella Wang



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Sample photo:



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