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The following sample(s) was/were submitted and identified on behalf of the clients as: 0%Hg alkaline zinc

manganese button cell

SGS Job No.: CP18-069908 - GZ

Model No.: LR44

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

exactly same as the tested model: LR44, LR1130, LR41, LR43, LR754, LR1120

Date of Sample Received: 07 Jan 2019

Testing Period: 07 Jan 2019 - 11 Jan 2019

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

Annie Ren

Annie Ren Approved Signatory





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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"

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Test Results:

Test Part Description:

Specimen No. SGS Sample ID Description SN₁ CAN19-003200.001 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: Acid digestion method, 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

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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Test Report

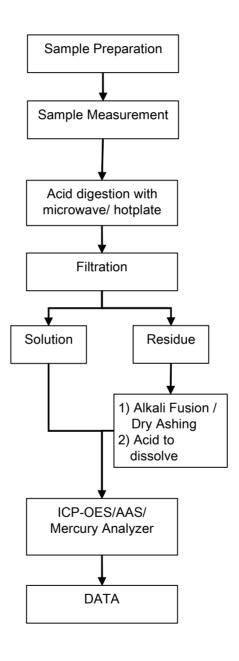
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ATTACHMENTS

Battery Testing Flow Chart





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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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