

The following sample(s) was/were submitted and identified on behalf of the clients as: **Mercury-free mercury-free alkaline xinmengkoushi battery**

**SGS Job No. :** CP17-014208 - GZ

**Model No. :** LR41

**Client Ref. Info. :** Applicant declares, the materials and weight percentage of below models are exactly same as the tested model: **AG3/L736 /G3/392/192 AG0/LR521, AG1/LR621, AG4/LR626, AG5/LR754, AG7/LR927, AG8/LR1120, AG9/LR936, AG10/LR1130/L1131, AG11/LR721, AG12/LR43 AG13/LR44/L1154,23A12V,27A12V**

**Date of Sample Received :** 22 Mar 2017

**Testing Period :** 22 Mar 2017 - 28 Mar 2017

**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

**Zm guan**  
**Approved Signatory**



**Test Report**

**No. CANEC1704500901**

**Date: 28 Mar 2017**

**Page 2 of 4**

**Test Results :**

**Test Part Description :**

| Specimen No. | SGS Sample ID    | Description |
|--------------|------------------|-------------|
| SN1          | CAN17-045009.001 | 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.**

| Test Item(s) | Limit  | Unit   | MDL    | QC |
|--------------|--------|--------|--------|----|
| 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 :**

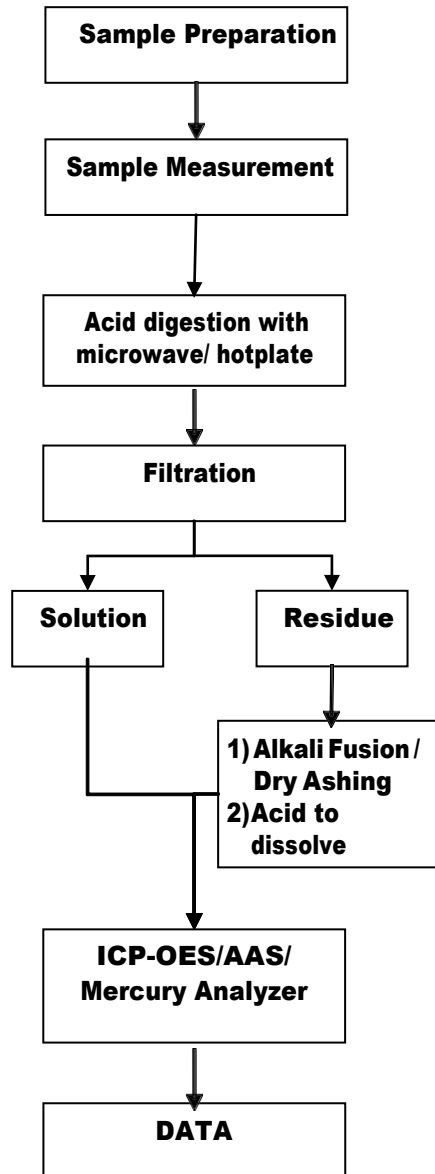
- (1) Results shown are of total weight of the battery sample.
- (2) According to the directive 2006/66/EC and its Article 4 amendment of Directive 2013/56/EU, all types of battery shall include the chemical symbol Lead when containing more than 0.004% of Pb.



**ATTACHMENTS**

**Battery Testing Flow Chart**

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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  
 198 Kazhu Road, Scientech Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075113 www.sgs.com.cn  
 中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075113 e sgs.china@sgs.com

**Sample photo:**



**SGS authenticate the photo on original report only**

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

