

To: 金龍 (T) 4-65111870 AG13. SGS 认证  
From: 天邦 陈树



Test Report

No. EC410161600

Date: Sep 26 2009

Page 1 of 3

The following sample was submitted and identified on behalf of the client as :  
乾電池

- SGS Job No. : 1292507
- Item No : 27A, 23A, AG0, AG1, AG2, AG3, AG4, AG5, AG6, AG7, AG8, AG9, AG10, AG11, AG12, AG13
- Supplier :
- Date of Sample(s) Received : SEP 21 2009
- Testing Period : SEP 21 - 25 2009
- Test Requested : Select test(s) as requested by client.
- Test Method : Please refer to next page(s).
- Test Result(s) : Please refer to next page(s).
- Conclusion : - The submitted battery sample does not exceed the limit mentioned in the Articles 4(1) and 21(3) of Directive 2006/66/EC.

Signed for and on behalf of  
SGS Hong Kong Ltd.

Tsui Hoi Ping Patrick  
Sr. Technical Development Manager

This document is issued by the Company subject to its General Conditions of Service printed elsewhere, available on request or accessible at [www.sgs.com](http://www.sgs.com) and [www.sgs.com.hk](http://www.sgs.com.hk). The electronic format document is subject to Terms and Conditions for Electronic Documents at [www.sgs.com](http://www.sgs.com). Accuracy is drawn to the attention of liability, indemnification and jurisdiction issues defined therein. Any use of this document in printed form information contained herein 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 constitute parties to a transaction from extending 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 in whatever form or by whatever means may be prosecuted to the fullest extent of the law.



Test Report

No. EC410161600

Date: Sep 28 2009

Page 2 of 3

Test Results:

ID for sample 1 : 4101616S003  
Description for sample 1 : 27A Size Battery

Directive 2006/66/EC

| <u>Test Item(s)</u> | <u>Unit</u> | <u>Test Method</u>                                                             | <u>Results</u> | <u>MDL</u> | <u>Limit</u> |
|---------------------|-------------|--------------------------------------------------------------------------------|----------------|------------|--------------|
| Lead (Pb)           | %           | With reference to SGS in-house (Acid Digestion), and performed by ICP-OES/ AAS | 0.008          | 0.001      | ---          |
| Cadmium(Cd)         | %           | With reference to SGS in-house (Acid Digestion), and performed by ICP-OES/ AAS | n.d.           | 0.001      | 0.002        |
| Mercury (Hg)        | %           | With reference to SGS in-house (Acid Digestion), and performed by ICP-OES/ AAS | 0.26008        | 0.00001    | 2            |

(Results shown are of total weight of the battery sample)

Note :

- (1) mg/kg = ppm; 0.1%wt = 1000ppm
- (2) n.d. = not detected
- (3) MDL = Method Detection Limit

Remark:

According to the Article 21(3) of Directive 2006/66/EC, all types of battery shall include the chemical symbol Lead when containing more than 0.004% of Pb; button cell or batteries composed of button cells shall include the chemical symbol Mercury when containing more than 0.0005% but less than 2% of Hg; other batteries or accumulators (except button cell and portable battery) shall include the chemical symbol Cadmium when containing more than 0.002% of Cd.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [www.sgs.com](http://www.sgs.com) and for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/etd/e-document.htm](http://www.sgs.com/etd/e-document.htm). Attention is drawn to the limitation of liability, indemnification and other provisions, if any. The Company's sole responsibility is to its client and this document does not constitute part of a transaction with a transferee from a transferee from a transferee under the appearance of this document is intended and therefore may be presented to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Test Report  
Sample photo:

No. EC410161600

Date: Sep 26 2009

Page 3 of 3



SGS authenticate the photo on original report only  
\*\*\* End Of Report \*\*\*

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_electronic\\_documents.htm](http://www.sgs.com/terms_electronic_documents.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction clauses defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its inspection 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 attaching to 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 offences 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 and such sample(s) are retained for 30 days only.