

Test Report

No. CANEC1110795801

Date: 11 Nov 2011

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SHENZHEN GUANLIDA ELECTRONICS CO.,LTD.

428B ANSHENG INDUSTRIAL CITY ON THE FOURTH FLOOR,62 DISTRICT,XIXIANG STREET,BAO AN DISTRICT,SHENZHEN CHINA

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

CR Li-MnO₂ Button Cell Battery

SGS Job No. : CP11-007894 - SZ
Internal Reference No. : 2.1
Tested Sample Info. : CR2032
Client Ref. Info. : Client reference information: Applicant declares, the materials and weight percentage of below models are exactly same as the tested model :
CR3032, CR2477, CR2450, CR2430, CR2354, CR2332, CR2330, CR2325, CR2320, CR2050, CR2030, CR2025, CR2020, CR2016, CR 2012, CR1632, CR1625, CR1620, CR1616, CR1530, CR1225, CR1220, CR1216, CR1212, CR1130, CR1025, CR927, CR920, CR816, CR632, Trademark:No Brand, GNENG, STAR BULLY, CHAOCHUANG(SC100, SC200, SC360, SC500, SC800, SC628, SC508, SC928, SC358, SC218, SC158)
Supplier : JINTAN CHAOCHUANG BATTERY CO., LTD.
Date of Sample Received : 17 May 2011
Testing Period : 17 May 2011 - 23 May 2011
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 : Based on the performed tests on submitted sample(s), the results comply with the Directive 2006/66/EC.

Signed for and on behalf of
SGS-CSTC Ltd.



David Zhou
Approved Signatory

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Test Results:

ID for specimen 1 : CAN11-107958.001
Description for specimen 1 : Button cell battery

Heavy metals in battery (2006/66/EC)

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium (Cd)	% (w/w)	Acid digestion method, ICP-OES	N.D.	0.0010	0.0020
Lead (Pb)	% (w/w)	Acid digestion method, ICP-OES	N.D.	0.0010	-
Mercury (Hg)	% (w/w)	Acid digestion method, ICP-OES	N.D.	0.0001	2

Note:

1. mg/kg = ppm, 0.1% = 1000ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit

Remark:

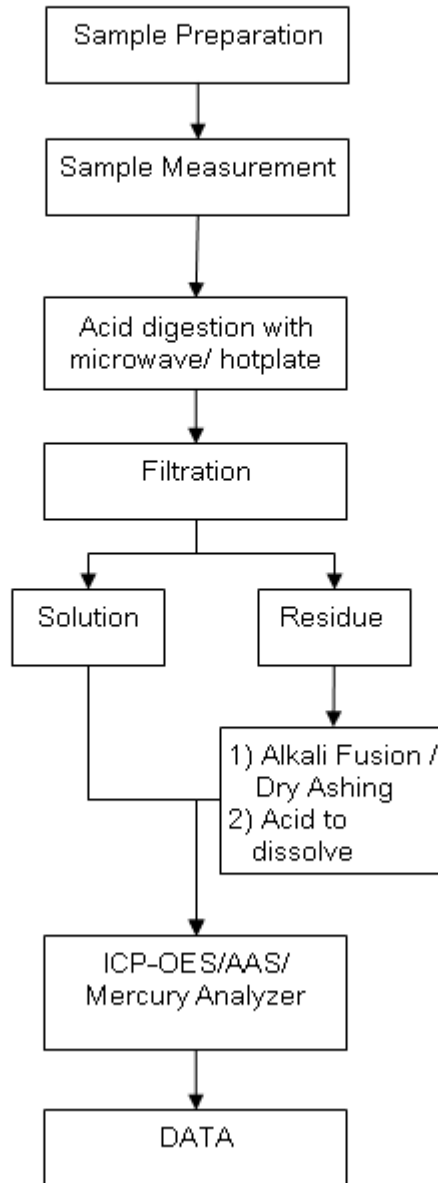
According to the Article 21(3) of Directive 2006/66/EC, Battery, accumulator and button cell shall include the chemical symbol Mercury when containing more than 0.0005% of Hg, the chemical symbol Cadmium when containing more than 0.002% of Cd and the chemical symbol Pb when containing more than 0.004% of Pb.

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ATTACHMENTS

Battery Testing Flow Chart

- 1) Name of the person who made testing: Sanna Huang
- 2) Name of the person in charge of testing: Adams Yu



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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

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